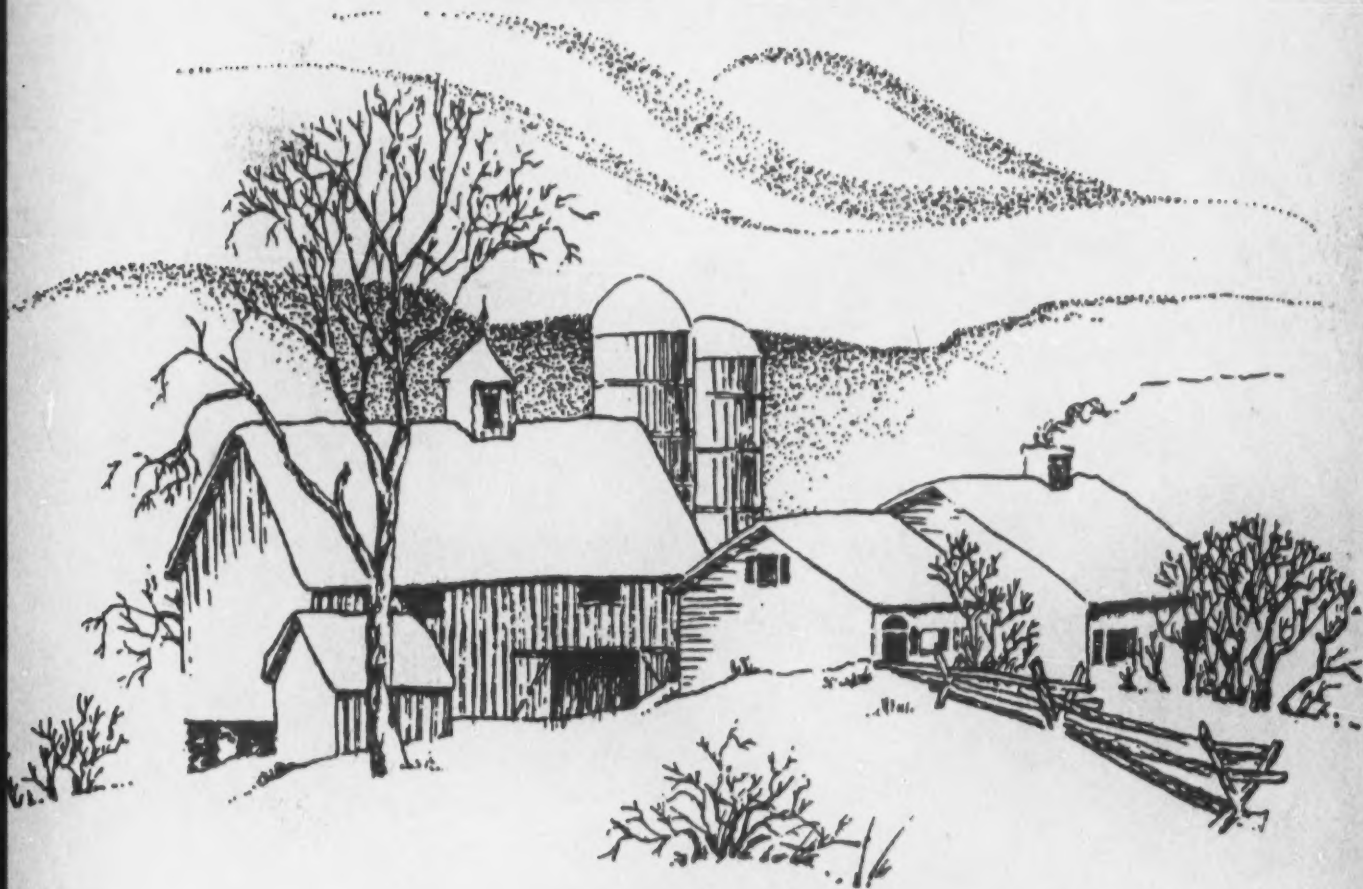


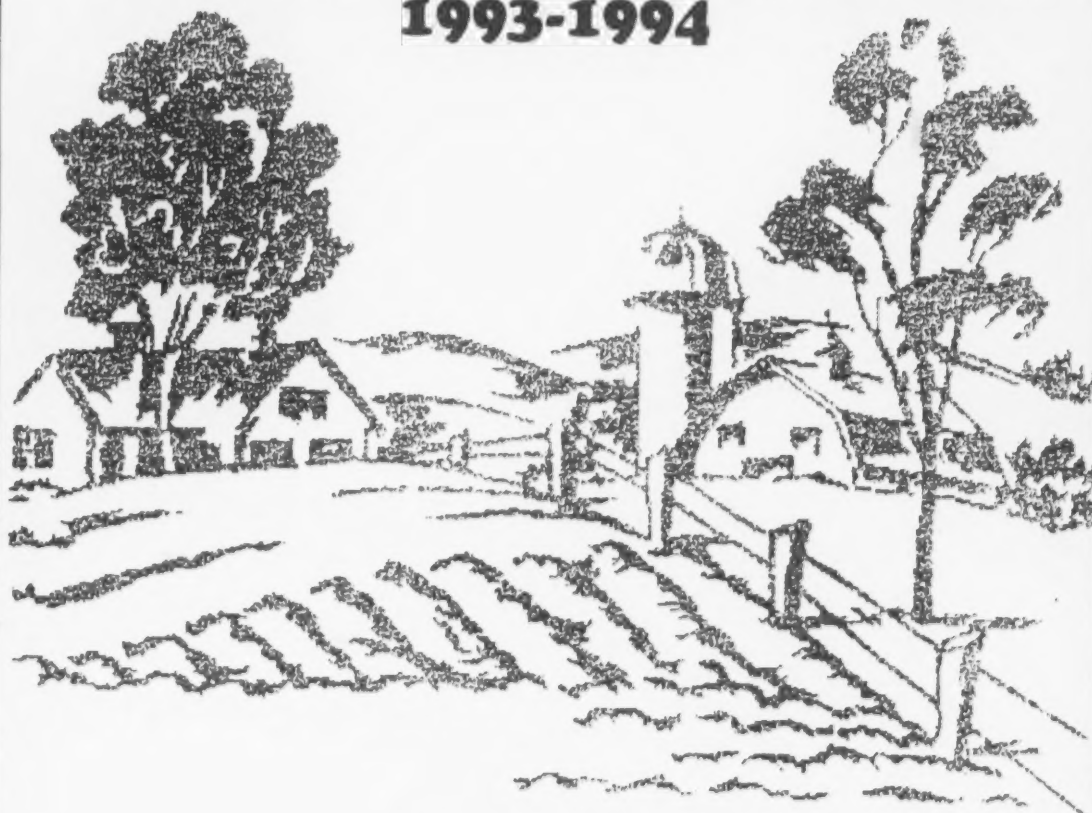
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New York
**AGRICULTURAL
STATISTICS**



1993-1994

New York AGRICULTURAL STATISTICS 1993-1994



Compiled and Issued by

NEW YORK AGRICULTURAL STATISTICS SERVICE

1 Winners Circle

Albany, New York 12235-0001

**NEW YORK STATE
DEPARTMENT OF AGRICULTURE AND MARKETS
DIVISION OF STATISTICS**

Cooperating With

**UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE**

July 1994



State of New York

Department of Agriculture and Markets

1 Winners Circle • Capital Plaza • Albany, New York 12235 • (518) 457-4188

MARIO M. CUOMO
Governor

RICHARD T. MCGUIRE
Commissioner



July 1994

Agriculture in New York continues to be dynamic and a major contributor to the state's economy.

Farm organizations, agri-business groups, farmers, the state legislature, and our own Agriculture and Markets staff all see the information as essential for making plans for marketing our farm products. This publication provides an annual compilation of the many reports issued throughout the year through a cooperative effort

between the New York State Department of Agriculture and Markets and the United States Department of Agriculture, National Agricultural Statistics Service.

The New York farm families and agri-businesses who have voluntarily provided the basic data to make this publication possible are to be commended for their important contribution to this effort.

Richard T. McGuire
Commissioner



**NEW YORK
AGRICULTURAL
STATISTICS SERVICE**

Fact Finding
for Agriculture

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Phone (518) 457-5570

U.S.D.A., National Agricultural Statistics Service

N.Y. Dept. of Agriculture and Markets, Division of Statistics

July 1994



Agriculture in New York makes a great contribution to the state's economy and to the quality of life for all of our people.

The information in this publication provides a comprehensive record of the agricultural production and value and a host of related statistics. The series include sales and disposition of agricultural products, prices received and paid by farmers, and other related statistics that will be used by the many data users. 1993 was a good year for many commodities. The value of

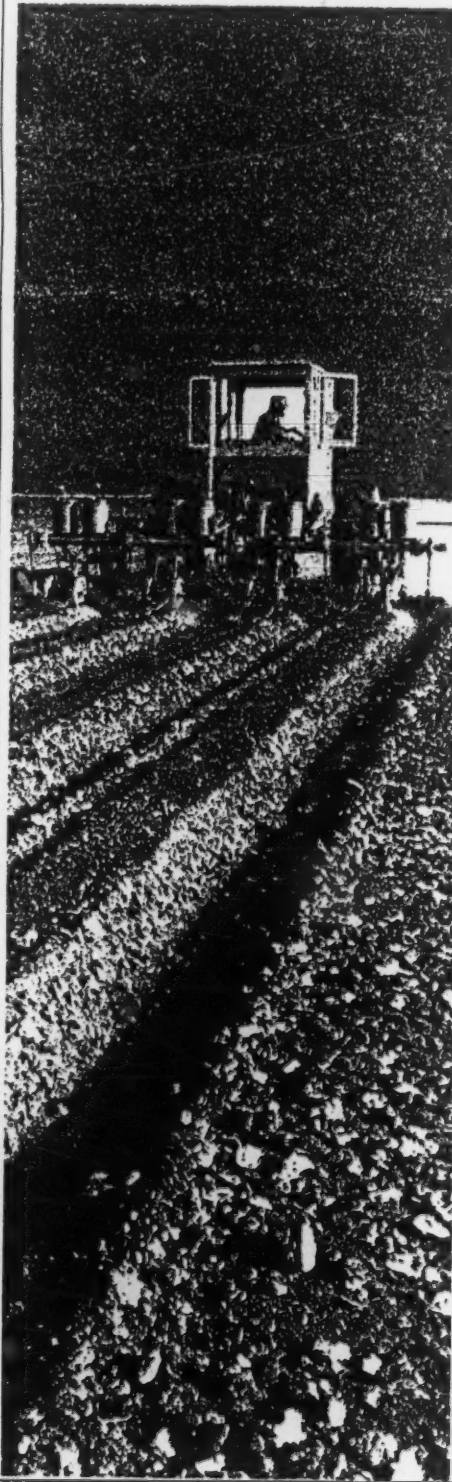
production for field crops showed a one percent increase from 1992. The 1993 vegetable crop value of production was up 26 percent however this was offset by lower value of production for fruit and other crops. Unfortunately cash receipts in 1993 for milk, our most important commodity, declined four percent from the previous year. The 1993 value of production for poultry and eggs showed a 10 percent increase from 1992.

I give a special thanks to the New York farmers and agriculture businesses whose responses to our surveys make these statistics possible.. We hope that the end result is better profit potential for New York agriculture.

Robert E. Schooley

Robert E. Schooley
State Statistician

TABLE OF CONTENTS



● ECONOMIC INDICATORS

Farm Income	5	Cash Receipts	10
Farms by Sales Class	5	New York's Rank	
Farmland Use	6	Among States	12
Assets and Liabilities	7	Record Highs and Lows ..	13
Income and Expenses	8	Crop Summary	14

● CROPS

Field Crops	15	Floriculture	41
Vegetables	25	Maple	46
Fruits	33	Mushrooms	46

● DAIRY

Milk	48	Butter Production	52
Cheese Production	50	Frozen Desserts & Mixes ..	53
Condensed & Dried Milk ..	51	Dairy Plants	53

● LIVESTOCK AND POULTRY

Cattle and Calves	55	Trout	64
Pasture Condition	56	Ducks and Turkeys	66
Hogs and Pigs	58	Chickens, Broilers & Eggs	67
Sheep and Lambs	60	Egg Production	68
Mink and Honey	63		

● OTHER AGRICULTURAL STATISTICS

Dairy Farm Price Indexes ..	70	Cold Storage Capacity ...	82
Consumer Price Index	70	Weather	83
Feed Price Ratios	71	Fertilizer	89
Prices Received	72	Per Capita Consumption ..	90
Prices Paid	77	Farm Real Estate Values ..	91
Labor	80		

● COUNTY ESTIMATES

County Outline Map	92	Wheat	101
Farmland	94	Cattle	102
Hay	96	Milk Production	103
Corn	98	Hogs	104
Oats	100	Sheep	104

ECONOMIC INDICATORS

FARM INCOME

State estimates of farm income are prepared annually by the Economic Research Service, U.S. Department of Agriculture (USDA). These estimates are based on USDA's annual Farm Costs and Returns Survey and a variety of existing independent data such as cash receipts, government program payments, property

taxes, number of farms, land in farms, farm land values, and inventory changes. Estimates for 1992, the most recent available, are shown in table 5 on pages 8 and 9. The balance sheet estimates in table 4, page 7 and the farm income estimates in table 5 on page 8 include operator households. The farm income estimates on page 9 exclude operator households.

NET FARM INCOME UP IN 1992

New York gross farm income rose three percent to \$3.17 billion in 1992. This resulted in a net farm income of \$622.3 million, up 15 percent from 1991. Production expenses totaled \$2.55 billion in 1992, virtually unchanged from 1991 (table 5).

Table 1. Government Payments to New York Farmers, by Program, 1988-1992

Program	1988	1989	1990	1991	1992
Million dollars					
Conservation	7.9	8.0	8.2	8.2	7.5
Feed Grains (Corn)	58.6	27.9	24.1	23.9	21.1
Wheat	4.4	1.6	5.4	4.6	3.0
Wool	0.3	0.1	0.2	0.2	0.4
Milk Diversion/Dairy Termination	9.0	8.4	8.3	-	-
Miscellaneous (includes disasters)	6.6	30.0	13.1	4.3	15.9
All Programs	86.8	76.0	59.3	41.2	47.9

Table 2. Number of Farms and Land in Farms, by Sales Class, 1989-1993

Year	Gross Value of Sales			
	\$1,000-9,999	\$10,000-99,999	\$100,000 +	Total
Thousand Farms				
1989	18.7	12.6	7.7	39.0
1990	17.3	12.8	8.4	38.5
1991	17.2	12.6	8.2	38.0
1992	17.5	12.0	8.5	38.0
1993	17.9	11.9	8.2	38.0
Million Acres				
1989	1.7	2.8	3.9	8.4
1990	1.6	2.7	4.1	8.4
1991	1.5	2.7	4.1	8.3
1992	1.4	2.6	4.2	8.2
1993	1.4	2.6	4.2	8.2

PROGRAM PAYMENTS STILL SIGNIFICANT

Federal program direct payments to New York farmers increased to \$47.9 million in 1992. This was up 16 percent from 1991 but 56 percent below the record \$109.3 million set in 1987. The 1992 payments were equal to 1.6 percent of total cash farm receipts and eight percent of net farm income. Direct payments to all New York farmers averaged \$1,260 per farm compared with \$1,085 per farm in 1991 and \$2,666 per farm back in 1987.

FARMS BY SALES CLASS

Of the estimated 38,000 farms in New York in 1993, only 8,200 or 22 percent of all farms had sales of \$100,000 or more, but they operated 4.2 million acres or 51 percent of all land in farms. New York farms with sales of less than \$10,000 totaled 17,900 or 47 percent of all farms.

FARMS AND FARMLAND UTILIZATION

The number of farms in New York (places selling \$1,000 or more of agricultural products in a year) totaled 38,000 in 1993, the same as in 1992. Land in farms was also unchanged at 8.2 million acres. Farmland accounts for 27 percent of the State's total land area.

Total cropland stands at 5.1 million acres and accounts for 62

of total land operated. Harvested cropland at 3.8 million acres represents 47 percent of total land operated. Field crops such as corn, hay, haylage and greenchop, small grains, potatoes, soybeans and other field crops account for 93.5 percent of the total cropland harvested. Vegetable crops make up 3.7 percent and fruit crops 2.7 percent.

Estimates of farmland utilization are shown in table 3 below. The estimates are based on annual surveys with about 15,000 farms reporting each year. The component estimates balance to "official" USDA estimates of the total land in farms in New York. County estimates for major land use categories for 1992 and 1993 appear on pages 94 and 95.

Table 3. FARMS AND FARMLAND: Number of Farms, Land in Farms and Land Use, 1983-1993

Item	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Number of farms	47,000	44,000	43,000	42,000	41,000	39,000	38,500	38,000	38,000	38,000
Acres per farm	200	207	207	207	210	215	218	218	216	216
	<u>Thousand acres</u>									
Land in Farms	9,400	9,100	8,900	8,700	8,600	8,400	8,400	8,300	8,200	8,200
Cropland, Total	5,770	5,670	5,600	5,560	5,480	5,400	5,360	5,270	5,140	5,080
Cropland harvested, Total ^{1/}	4,389	4,377	4,238	4,010	3,800	3,940	3,910	3,820	3,880	3,820
Field Crops harvested	4,112	4,096	3,980	3,746	3,542	3,680	3,647	3,559	3,632	3,572
Vegetable Crops harvested	162	167	146	153	148	150	151	153	142	143
Fruit Crops harvested	115	114	112	111	110	110	112	108	106	105
Cropland Pasture	926	860	800	850	850	780	780	780	740	710
Other Cropland	455	433	562	700	830	680	670	670	520	550
Permanent Pasture ^{2/}	836	830	790	690	720	710	730	720	740	730
Woodland ^{3/}	2,014	1,880	1,840	1,810	1,770	1,670	1,690	1,690	1,700	1,720
Other Land ^{4/}	780	720	670	640	630	620	620	620	620	670

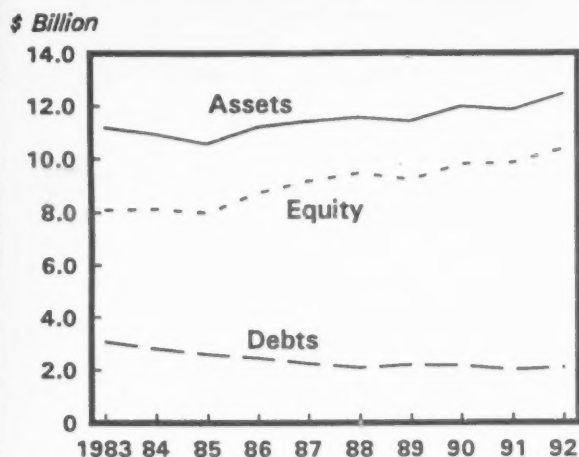
^{1/} Beginning with 1992, field crops harvested and cropland harvested includes acres harvested only for haylage or greenchop..

^{2/} Excludes cropland and woodland pasture

^{3/} Includes woodland pasture.

^{4/} Includes house lots, ponds, roads,

Figure 1. FARM BALANCE SHEET
New York, December 31, 1983-1992



FARM DEBT-TO-ASSET RATIO LOWEST SINCE 1983

The debt-to-asset ratio for New York farms at the end of 1992 was 16.7 percent, down from 16.9 in 1991 and the lowest since the peak of 27.5 in 1983.

On December 31, 1992 the value of farm assets in New York, excluding operator households, totaled an estimated \$12.5 billion. Proprietors' equity amounted to \$10.4 billion after accounting for total farm debt of \$2.08 billion. With 38,000 farms in 1992 this translates into per farm averages of \$328,000 in assets, \$273,000 in proprietors equity and \$55,000 of debt.

The Farm Balance Sheet assembles into one statement the major farm asset inventory and liability accounts. These estimates are compiled by the Agriculture and Rural Economy Division, Economic

Table 4. FARM BALANCE SHEET (Excluding Operator Households),
December 31, 1983-1992 1/

Item	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Million dollars										
FARM ASSETS:	11,177	10,926	10,564	11,187	11,412	11,552	11,400	11,966	11,844	12,455
Real estate	6,882	6,568	6,520	7,244	7,311	7,389	7,084	7,595	7,591	8,047
Livestock and poultry	1,091	1,104	983	987	1,114	1,158	1,291	1,258	1,263	1,303
Machinery and motor vehicles	2,040	1,997	1,875	1,854	1,823	1,818	1,835	1,842	1,857	1,865
Crops 2/	494	514	491	385	428	448	468	535	417	439
Purchased inputs 3/		51	27	43	53	71	60	69	59	90
Financial	670	692	668	675	684	667	662	667	657	712
FARM DEBT:	3,077	2,803	2,597	2,457	2,254	2,090	2,200	2,161	2,003	2,085
Real estate 4/	1,145	1,186	1,125	1,011	958	928	1,024	892	843	869
Nonreal estate 5/	1,931	1,617	1,472	1,446	1,296	1,162	1,176	1,268	1,160	1,216
EQUITY	8,100	8,123	7,967	8,730	9,159	9,462	9,200	9,806	9,840	10,370
Ratio										
Debt/equity	38.0	34.5	32.6	28.1	24.6	22.1	23.9	22.0	20.4	20.1
Debt/assets	27.5	25.7	24.6	22.0	19.8	18.1	19.3	18.1	16.9	16.7

Source: Economic Research Service, U.S. Department of Agriculture.

1/ May not add due to rounding.

2/ All crops held on farms including value above loan rates for crops held under CCC.

3/ Data not available prior to 1984.

4/ Includes CCC storage and drying facility loans.

5/ Includes debt owed to both institutional and noninstitutional lenders.

Table 5. Farm Income Indicators, 1983-1992

Item	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Million dollars										
Gross farm income	2,943.5	2,902.7	2,754.6	2,781.5	2,852.3	2,811.2	3,141.7	3,232.6	3,087.4	3,174.1
Gross cash income	2,715.4	2,797.5	2,713.1	2,727.8	2,794.8	2,833.7	3,008.9	3,108.0	2,987.5	3,074.4
Farm marketings	2,612.4	2,663.4	2,592.0	2,581.8	2,616.3	2,675.6	2,855.9	2,966.2	2,873.7	2,946.0
Crops	686.8	741.6	738.8	780.9	823.5	873.8	919.3	995.1	1,081.1	1,032.0
Livestock & products	1,925.6	1,921.8	1,853.2	1,800.9	1,792.8	1,801.7	1,936.6	1,971.1	1,792.6	1,914.1
Government payments	39.0	63.7	43.1	76.7	109.3	86.8	76.0	59.3	41.2	47.9
Farm related income	64.0	70.4	78.1	69.3	69.3	71.4	77.0	82.5	72.6	80.5
Noncash income	263.9	110.2	105.6	109.8	106.7	111.9	105.3	103.6	104.0	111.2
Value of home consumption	28.1	26.0	22.8	22.0	12.0	11.7	11.1	12.0	11.1	11.2
Rental value of dwellings	235.8	84.2	82.8	87.8	94.8	100.1	94.1	91.6	92.9	100.1
Operators' dwellings 1/	230.2	72.8	72.8	79.4	86.7	86.1	80.2	78.5	79.4	85.7
Hired laborer dwellings	5.6	11.4	9.9	8.4	8.1	14.0	14.0	13.1	13.5	14.3
Value of inventory adjustment	-35.8	-5.0	-64.1	-56.1	-49.3	-134.4	27.5	21.0	-4.1	-11.6
Total production expenses	2,694.6	2,607.5	2,369.3	2,248.9	2,211.5	2,278.1	2,459.1	2,589.2	2,544.0	2,551.8
Intermediate product expenses	1,437.7	1,419.1	1,261.9	1,218.7	1,217.9	1,273.8	1,432.5	1,500.3	1,466.8	1,467.4
Farm origin	565.7	519.6	468.1	469.1	447.0	472.8	535.0	550.0	554.5	568.8
Feed purchased	504.2	445.0	398.9	399.3	374.4	385.8	440.5	449.8	446.3	457.4
Livestock & poultry purchased	13.5	14.4	13.9	13.7	15.5	15.6	17.1	20.4	17.7	24.6
Seed purchased	48.0	60.2	55.4	56.2	57.2	71.4	77.4	79.7	90.4	86.9
Manufactured inputs	356.5	379.6	343.2	302.2	308.1	313.3	334.6	356.9	349.4	344.8
Fertilizer and lime	119.3	126.9	115.3	96.9	94.7	105.9	112.9	118.0	107.2	111.4
Pesticides	51.0	62.1	57.7	57.8	60.6	53.9	63.0	65.1	74.1	71.9
Fuel and oil	130.1	131.1	115.0	93.7	87.0	84.5	84.5	104.2	101.1	93.3
Electricity	56.1	59.4	55.2	53.8	65.8	69.0	74.0	69.6	67.0	68.2
Other	515.5	520.0	450.7	447.5	462.8	487.7	562.9	593.5	562.9	553.7
Repair and maintenance	147.1	142.2	138.6	135.7	137.9	148.0	155.1	163.7	163.0	166.9
Other miscellaneous	368.3	377.8	312.0	311.8	324.9	339.7	407.8	429.8	399.9	386.8
Interest	330.7	323.4	276.3	243.5	234.0	211.0	202.9	192.2	172.4	163.4
Real estate	128.1	126.7	103.6	95.8	88.0	86.6	88.3	80.3	69.5	65.1
Nonreal estate	202.6	196.7	172.7	147.7	146.0	124.4	114.6	111.9	103.0	98.2
Contract & hired labor expenses	240.9	246.0	252.2	240.2	244.8	270.8	288.6	333.3	326.8	332.9
Net rent to nonoperator landlords	-20.3	-18.8	-21.4	-27.2	-20.1	-15.8	-13.7	-3.8	-1.5	-2.2
Capital consumption	564.0	498.3	456.6	422.8	401.2	392.6	387.8	383.1	389.5	393.0
Property taxes	141.6	139.5	143.7	150.9	133.6	145.8	161.1	184.0	189.9	197.3
NET FARM INCOME 2/	248.9	295.2	385.3	532.6	640.8	533.1	682.5	643.4	543.4	622.3

Table 5. Farm Income Indicators, 1983-1992 (Continued)

Item	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Million dollars										
Gross receipts of farms	2,713.2	2,829.9	2,681.8	2,702.1	2,765.6	2,725.1	3,061.5	3,154.0	3,008.0	3,088.3
Farm production expenses	2,564.7	2,534.3	2,282.7	2,162.7	2,135.4	2,200.5	2,374.8	2,502.6	2,459.1	2,460.4
Nonfactor payments	2,029.6	2,001.0	1,804.0	1,729.3	1,687.8	1,747.0	1,918.4	2,002.1	1,980.3	1,984.0
Intermediate product expenses	1,414.4	1,410.0	1,251.2	1,206.3	1,203.2	1,259.1	1,421.9	1,488.2	1,454.6	1,453.3
Capital consumption	494.5	472.5	431.1	395.5	372.0	364.6	359.7	356.2	361.8	362.1
Property taxes	120.7	118.5	121.8	127.4	112.6	123.3	136.9	157.7	163.9	168.6
Factor payments	535.1	533.3	478.7	433.4	447.6	453.5	456.4	500.6	478.8	476.4
Interest	314.5	306.1	247.9	220.4	222.8	198.6	181.5	171.1	153.4	145.6
Contract and hired labor expenses	240.9	246.0	252.2	240.2	244.8	270.8	288.6	333.3	326.8	332.9
Net rent to nonoperator landlords	-20.3	-18.8	-21.4	-27.2	-20.1	-15.8	-13.7	-3.8	-1.5	-2.2
RETURNS TO OPERATORS ^{3/}	148.5	295.6	399.1	539.4	630.2	524.6	686.7	651.4	548.9	627.9
Gross cash income	2,715.4	2,797.5	2,713.1	2,727.8	2,794.8	2,833.7	3,008.9	3,108.0	2,987.5	3,074.4
Cash expenses	2,055.2	2,045.5	1,836.9	1,755.3	1,750.1	1,841.3	2,020.8	2,153.0	2,103.2	2,103.2
Intermediate product expenses	1,414.4	1,410.0	1,251.2	1,206.3	1,203.2	1,259.1	1,421.9	1,488.2	1,454.6	1,453.3
Interest	314.5	306.1	247.9	220.4	222.8	198.6	181.5	171.1	153.4	145.6
Cash labor expenses	225.9	229.7	237.4	228.4	231.5	256.8	274.9	320.6	313.4	318.5
Net rent to nonoperator landlords	-20.3	-18.8	-21.4	-27.2	-20.1	3.5	5.7	15.4	18.0	17.2
Property taxes	120.7	118.5	121.8	127.4	112.6	123.3	136.9	157.7	163.9	168.6
NET CASH INCOME	660.2	752.0	876.2	972.5	1,044.7	992.4	988.4	955.0	884.3	971.2
Gross cash income	2,715.4	2,797.5	2,713.1	2,727.8	2,794.8	2,833.7	3,008.9	3,108.0	2,987.5	3,074.4
Farm business expenses	2,549.7	2,518.0	2,268.0	2,150.8	2,122.1	2,206.0	2,380.4	2,509.2	2,465.1	2,465.4
Cash expenses	2,055.2	2,045.5	1,836.9	1,755.3	1,750.1	1,841.3	2,020.8	2,153.0	2,103.2	2,103.2
Capital consumption	494.5	472.5	431.1	395.5	372.0	364.6	359.7	356.2	361.8	362.1
NET BUSINESS INCOME	165.7	279.5	445.1	577.0	672.7	627.8	628.5	598.8	522.5	609.1

Source: Economic Research Service, U.S. Department of Agriculture.

^{1/} Value added to gross income. Value added to net farm income equals difference in net farm income and returns to operators.^{2/} Statistics in and above the Net Farm Income line represent the farm sector, defined as including farm operators' dwellings located on farms. Statistics below the Net Farm Income line represent only the farm businesses to the exclusion of the operators' dwellings.^{3/} Returns to operators is equivalent to net farm income excluding the income and expenses associated with farm operators' dwellings.

CASH RECEIPTS IN 1992

Receipts from the sale of all New York farm products in 1992 totaled \$2.95 billion, up three percent from calendar year 1991. Receipts for livestock and products rebounded

seven percent in 1992 after a nine percent drop in 1991. Higher milk prices accounted for the improvement in 1992. Crop receipts declined five percent to

\$1.03 billion in 1992. Decreases in vegetables and fruits were partially offset by increases for nursery and greenhouse products.

Table 6. CASH RECEIPTS: Farm Marketings by Commodities, 1983-1992

	1983	1984	1985	1986	1987	
— Thousand dollars —						
						% of Total
LIVESTOCK AND PRODUCTS	1,925,604	1,921,791	1,853,192	1,800,912	1,792,764	68.5
Dairy products	1,565,968	1,518,069	1,477,708	1,453,870	1,428,748	54.6
Cattle and calves	150,151	163,810	155,652	143,855	171,749	6.5
Eggs	82,896	100,890	79,515	74,881	45,994	1.8
Hogs	16,563	17,749	14,667	14,508	19,863	.8
Ducks	14,130	14,112	13,770	13,668	10,764	.4
Turkeys	2,732	2,779	2,817	2,778	3,387	.1
Honey	1/	1/	1/	1,914	2,614	.1
Sheep and wool	1,888	2,096	2,162	1,831	2,144	.1
Broilers	778	1,032	2,426	3,240	2,835	.1
Other livestock and poultry	90,498	101,254	104,475	90,367	104,666	4.0
FIELD CROPS	216,262	204,291	217,989	227,039	211,031	8.0
Corn	67,511	52,219	92,470	70,925	49,671	1.9
Potatoes	64,825	62,347	47,777	53,791	48,239	1.8
Hay	38,886	42,508	32,109	65,348	81,243	3.1
Wheat	23,975	23,790	24,211	16,626	9,932	.4
Oats	6,400	8,101	7,052	4,688	5,351	.2
Dry beans	6,240	6,771	7,663	8,347	8,360	.3
Soybeans	3,694	3,205	2,383	3,351	5,632	.2
Other field and seed crops	4,731	5,350	4,324	3,963	2,603	.1
VEGETABLE CROPS	190,778	231,717	195,088	214,067	231,314	8.8
Onions	42,957	53,590	41,932	54,906	60,492	2.3
Sweet corn	28,590	33,891	27,339	31,653	32,783	1.2
Cabbage	27,323	49,109	24,925	33,804	33,524	1.3
Snap beans	24,986	22,381	22,963	16,604	17,328	.7
Tomatoes 1/	7,296	9,306	10,662	8,551	11,316	.4
Cauliflower	9,971	11,677	9,369	10,108	8,299	.3
Cucumbers 1/	4,784	4,469	5,851	4,993	5,995	.2
Carrots	3,761	3,305	5,247	7,266	5,555	.2
Lettuce	12,090	11,997	9,412	8,432	10,132	.4
Green peas	3,933	4,542	8,564	4,524	4,239	.2
Celery	4,126	3,090	2,841	3,146	3,558	.1
Beets	1,501	1,579	1,683	1,442	1,679	.1
Other vegetables	19,460	22,781	24,300	28,638	36,414	1.4
FRUIT CROPS	136,486	134,677	138,153	127,469	145,169	5.6
Apples	70,675	75,898	93,393	70,846	82,310	3.2
Grapes	36,449	33,843	21,156	35,612	40,542	1.6
Strawberries	6,251	8,369	7,493	7,626	9,104	.4
Cherries	12,250	6,873	6,769	3,843	3,367	.1
Pears	5,100	4,568	3,870	3,773	3,885	.1
Peaches	3,874	3,011	3,252	3,308	2,971	.1
Other fruit and berries	1,887	2,115	2,220	2,461	2,990	.1
ALL OTHER CROPS	143,283	170,931	187,500	212,353	235,991	9.1
Greenhouse and nursery	137,200	163,400	180,464	205,691	229,311	8.8
Maple	3,995	5,611	5,387	5,135	5,243	.2
Mushrooms	2,088	1,920	1,699	1,527	1,437	.1
ALL CROPS	686,809	741,616	738,780	780,928	823,505	31.5
ALL COMMODITIES	2,612,413	2,663,407	2,591,972	2,581,840	2,616,269	100.0

CASH RECEIPTS IN 1993 EXPECTED DOWN

Receipts from the sales of all New York farm products in 1993 are expected to total about \$2.92 billion, down one percent from 1992.

Receipts for livestock and poultry products, at \$1.92 billion, are expected to be down nearly two percent because of lower average

milk price. Receipts for all crops will balance out about the same as in 1992 at \$1.03 billion.

Table 6: CASH RECEIPTS: Farm Marketings by Commodities, 1983-1992 (Continued)

	1988	1989	1990	1991	1992	
	— Thousand dollars —					% of Total
LIVESTOCK AND PRODUCTS	1,801,721	1,936,646	1,971,071	1,792,582	1,914,053	65.0
Dairy products	1,417,870	1,545,801	1,588,790	1,397,108	1,527,541	51.9
Cattle and calves	197,847	183,511	189,314	207,574	211,216	7.2
Eggs	39,676	57,048	55,331	52,640	41,713	1.6
Hogs	16,192	16,895	18,692	14,529	12,018	.4
Ducks	8,904	8,586	7,952	7,920	8,736	.3
Turkeys	2,361	3,440	4,530	4,387	4,268	.1
Honey	3,882	3,050	2,843	2,960	3,003	.1
Sheep and wool	2,675	2,802	2,383	2,558	2,668	.1
Broilers	3,825	5,465	3,643	2,835	1,369	-
Other livestock and poultry	108,489	110,048	97,953	100,071	96,521	3.3
FIELD CROPS	255,020	229,562	240,860	241,814	225,685	7.7
Corn for grain	72,819	54,560	66,539	71,772	58,666	2.3
Potatoes	57,452	56,373	56,234	60,900	64,209	2.2
Hay	82,865	70,324	72,429	67,224	60,626	2.1
Wheat	15,672	20,962	17,274	15,300	18,960	.6
Dry beans	7,223	11,372	12,886	11,039	8,169	.3
Soybeans	7,468	5,324	7,508	7,886	7,650	.3
Oats	8,659	7,698	6,001	5,814	6,014	.2
Other field and seed crops	2,862	2,949	1,989	1,879	1,391	-
VEGETABLE CROPS	222,070	252,169	237,249	270,367	221,795	7.5
Onions	52,226	48,049	55,260	58,010	49,357	1.7
Sweet corn	30,117	36,695	34,309	36,526	30,692	1.0
Cabbage	32,294	38,967	29,313	42,761	29,178	1.0
Snap beans	17,540	31,678	26,723	31,007	15,060	.5
Tomatoes 2/	17,434	16,023	16,397	14,591	6,846	.2
Cauliflower	8,506	9,511	8,408	9,379	10,256	.3
Cucumbers 2/	6,105	6,527	5,675	8,665	9,948	.3
Carrots	4,030	3,847	3,745	7,558	7,807	.3
Lettuce	6,833	7,134	8,112	6,965	7,782	.3
Green peas	3,376	4,834	5,139	4,995	5,887	.2
Celery	3,629	3,165	1,523	2,940	5,441	.2
Beets	1,580	1,767	2,219	1,642	1,785	.1
Other vegetables	38,400	43,972	40,426	45,328	41,756	1.4
FRUIT CROPS	155,082	167,411	179,193	212,797	195,873	6.6
Apples	89,060	98,112	109,423	125,228	129,301	4.4
Grapes	39,936	42,136	41,172	48,789	38,256	1.3
Strawberries	8,772	11,725	14,110	14,421	11,556	.4
Cherries	5,877	4,320	3,285	12,561	4,513	.1
Pears	4,061	3,631	3,687	3,981	5,357	.2
Peaches	3,726	3,622	3,781	3,702	3,595	.1
Other fruit and berries	3,650	3,865	3,735	4,115	3,295	.1
ALL OTHER CROPS	241,669	270,128	337,787	356,139	388,633	13.2
Greenhouse and nursery	232,656	260,654	330,803	346,557	375,250	12.8
Maple	7,285	7,768	5,901	7,176	9,360	.3
Mushrooms	1,728	1,706	1,083	2,406	4,023	.1
ALL CROPS	873,841	919,270	995,089	1,081,117	1,031,986	35.0
ALL COMMODITIES	2,675,562	2,855,916	2,966,160	2,873,699	2,946,039	100.0

1/ Included in other livestock and poultry. 2/ Fresh only. Processing included with other vegetables.

Table 7. NEW YORK'S RANK IN THE NATION'S AGRICULTURE - 1993

Item	1st	2nd	3rd	4th	5th	N.Y. Rank
FIELD CROPS						
Corn for silage	Wis.	<u>N.Y.</u>	Minn.	Pa.	Calif.	2
Corn for grain	Ill.	Iowa	Nebr.	Ind.	Ohio	16
Oats	N. Dak.	S. Dak.	Wis.	Minn.	Iowa	10
Winter wheat	Kansas	Wash.	Okla.	Texas	Mont.	32
Potatoes	Idaho	Wash.	Colo.	Okla.	Wis.	11
Dry beans	Mich.	N. Dak.	Colo.	Calif.	Nebr.	10
Alfalfa hay	Calif.	S. Dak.	Wis.	Mich.	Minn.	19
Other hay	Texas	Mo.	Ky.	Ind.	Okla.	12
All hay	S. Dak.	Calif.	Nebr.	Texas	Kansas	21
FRUIT						
Apples	Wash.	Mich.	<u>N.Y.</u>	Calif.	Pa.	3
Cherries, sweet	Wash.	Ore.	Mich.	Calif.	Idaho	9
Cherries, tart	Mich.	<u>N.Y.</u>	Utah	Pa.	Wis.	2
Peaches	Calif.	S.C.	Ga.	Pa.	N.J.	19
Pears	Wash.	Calif.	Ore.	<u>N.Y.</u>	Pa.	4
Grapes	Calif.	Wash.	<u>N.Y.</u>	Mich.	Pa.	3
Blueberries	Mich.	N.J.	Oreg.	N.C.	Wash.	10
VEGETABLES, FRESH MARKET						
Carrots	Calif.	Wash.	Fla.	Mich.	Texas	9
Cauliflower	Calif.	Ariz.	<u>N.Y.</u>	Ore.	Mich.	3
Celery	Calif.	Fla.	Mich.	Texas	<u>N.Y.</u>	5
Lettuce	Calif.	Ariz.	Fla.	Colo.	N.M.	7
Onions	Calif.	Ore.	Colo.	<u>N.Y.</u>	Idaho	4
Strawberries	Calif.	Fla.	<u>N.Y.</u>	Ore.	Mich.	3
Sweet corn	Fla.	<u>N.Y.</u>	Calif.	Pa.	Mich.	2
Tomatoes	Fla.	Calif.	S.C.	Va.	Ga.	12
VEGETABLES, PROCESSING						
Green peas	Wash.	Wis.	Minn.	Ore.	<u>N.Y.</u>	5
Green beans	Wis.	Ore.	Mich.	<u>N.Y.</u>	Ill.	4
Sweet corn	Wash.	Wis.	Ore.	Minn.	<u>N.Y.</u>	5
LIVESTOCK PRODUCTS						
Milk production	Wis.	Calif.	<u>N.Y.</u>	Pa.	Minn.	3
Cattle and calves 1/	Texas	Nebr.	Kansas	Colo.	Iowa	34
Egg production	Calif.	Pa.	Ind.	Ohio	Ga.	19
Chickens (excluding broilers) 1/	Ga.	N.C.	Ark.	Pa.	Calif.	18
Hogs and pigs 1/	Iowa	Ill.	N.C.	Minn.	Neb.	31
Sheep and lambs 1/	Texas	Calif.	Colo.	Wyo.	S. Dak.	29
DAIRY PRODUCTS						
Total American cheese	Wis.	Minn.	Calif.	Idaho	Iowa	6
Total Italian cheese	Wis.	Calif.	<u>N.Y.</u>	Pa.	S. Dak.	3
Total Cheese, excluding Cottage	Wis.	Calif.	Minn.	<u>N.Y.</u>	Pa.	4
Creamed Cottage cheese	<u>N.Y.</u>	Ill.	Calif.	Ohio	Pa.	1
Lowfat Cottage cheese	<u>N.Y.</u>	Calif.	Ill.	Wash.	Ohio	1
Butter	Wis.	Calif.	Wash.	Pa.	Minn.	7
Unsweetened condensed skim milk	Calif.	<u>N.Y.</u>	Wis.	Ohio	Md.	2
Ice cream	Calif.	Pa.	Ohio	Texas	Ind.	6
Ice milk	Calif.	Pa.	Ill.	Texas	Ind.	12
Water ices	<u>N.Y.</u>	Ohio	Calif.	Texas	Ga.	1
GENERAL CHARACTERISTICS						
Number of farms	Texas	Mo.	Iowa	Ky.	Minn.	24
Land in farms	Texas	Mont.	Kansas	Nebr.	N. Mex.	36
Total cash farm receipts	Calif.	Texas	Iowa	Nebr.	Ill.	25

1/ Pounds sold.

Table 8. NEW YORK HIGHS AND LOWS

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year	Quantity	Year	
FIELD CORN						
All Harvested	Acres	1,440,000	1981	560,000	1930	1866
Grain Harvested	Acres	830,000	1981	97,000	1928	1919
Grain Production	Bushels	77,190,000	1981	3,298,000	1928	1919
Silage Harvested	Acres	682,000	1978	300,000	1919	1919
Silage Production	Tons	9,207,000	1978	2,754,000	1925	1919
OATS						
Grain Harvested	Acres	1,430,000	1896	100,000	1991	1866
Grain Production	Bushels	54,800,000	1902	5,000,000	1991	1866
WHEAT						
Grain Harvested	Acres	790,000	1880	75,000	1978	1866
Grain Production	Bushels	15,200,000	1878	2,625,000	1978	1866
HAY (Dry)						
All Harvested	Acres	5,067,000	1924	1,700,000	1992	1924
All Production	Tons	6,914,000	1916	3,590,000	1992	1914
Alfalfa Harvested	Acres	1,324,000	1966	185,000	1928	1924
Alfalfa Production	Tons	3,111,000	1966	357,000	1926	1924
POTATOES						
Harvested	Acres	435,000	1904	27,000	1992	1866
Production	Cwt.	29,077,000	1909	6,628,000	1989	1866
DRY BEANS						
Harvested	Acres	250,000	1917	25,000	1988	1909
Production	Cwt.	2,070,000	1948	255,000	1983	1909
ONIONS						
Harvested	Acres	16,400	1965	5,830	1928	1918
Production	Cwt.	5,412,000	1965	729,000	1928	1918
SWEET CORN						
Harvested	Acres	58,100	1985	49,800	1988	1929
Production	Cwt.	5,955,000	1987	897,000	1933	1929
APPLES						
Production	Bushels	54,178,000	1896	2,160,000	1945	1889
GRAPES						
Production	Tons	198,000	1984	29,300	1918	1909
MAPLE SYRUP						
	Gallons	1,304,000	1918	180,000	1993	1916
CATTLE						
All Cattle and Calves	Head	2,596,000	1879	1,525,000	1989	1867
Beef Cows	Head	130,000	1976	5,000	1936	1920
Milk Cows	Head	1,540,000	1905	750,000	1994	1867
Milk Production	Mil. Lbs.	11,732	1985	6,874	1935	1924
OTHER LIVESTOCK						
All Hogs and Pigs	Head	840,000	1897	68,000	1966	1867
All Stock Sheep and Lambs	Head	4,090,000	1867	55,000	1986	1867
POULTRY						
Hens and Pullets of Laying Age	Head	17,475,000	1944	3,700,000	1990	1924
Egg Production	Millions	2,414	1944	975	1990	1924
Broilers Produced	Head	14,618,000	1956	500,000	1977	1934
Turkeys Raised	Head	1,059,000	1954	138,000	1977	1929

Table 9. CROP SUMMARY: Field Crops, Vegetables, Fruits and Other Crops, 1993

Crop	Acres harvested	Yield per acre	Unit of production	Total production	Price per unit	Value of production
	<u>Acres</u>			<u>1,000</u>	<u>Dollars</u>	<u>1,000 dollars</u>
ALL CROPS 1/	3,439,050					1,292,854
FIELD CROPS 1/	3,217,200					743,400
Wheat	85,000	46.0	bu.	3,910	3.00	11,730
Oats	105,000	62.0	bu.	6,510	1.40	9,114
Rye	8,000	27.0	bu.	216	2.20	475
Barley	12,000	52.0	bu.	624	1.60	998
Soybeans	55,000	34.0	bu.	1,870	6.00	11,220
Corn for grain	580,000	105.0	bu.	60,900	2.60	158,340
Corn for silage	560,000	14.2	ton	7,952	24.10	191,643
Alfalfa hay	700,000	2.45	ton	1,715	92.00	157,780
Other hay	1,050,000	1.80	ton	1,890	72.00	136,080
Potatoes	28,200	273	cwt.	7,693	7.45	57,391
Dry beans	34,000	13.5	cwt.	459	18.80	8,629
VEGETABLES 1/	128,120					252,356
Beets, processing	2,700	16.50	ton	45.0	69.80	3,110
Cabbage, fresh	9,400	407	cwt.	4/3,828	9.03	5/32,600
Cabbage, processing	2,000	36.50	ton	73.0	49.00	3,577
Carrots, fresh & proc.	1,300	390	cwt.	507	8.60	4,360
Cauliflower, fresh & proc.	2,300	150	cwt.	345	42.00	14,501
Celery, fresh	220	300	cwt.	66	36.90	2,435
Cucumbers, fresh	4,300	145	cwt.	624	12.10	7,550
Green beans, fresh	4,100	75	cwt.	308	28.70	8,840
Green beans, processing	16,900	3.20	ton	54.0	199.00	10,762
Green peas, processing	11,900	1.86	ton	22.1	251.00	5,555
Lettuce, fresh	1,100	230	cwt.	253	15.70	3,972
Onions, fresh & proc.	12,000	310	cwt.	4/3,497	21.40	5/74,834
Strawberries, fresh & proc.	3,800	60	cwt.	228	135.00	30,780
Sweet corn, fresh	23,000	85	cwt.	1,955	11.90	23,265
Sweet corn, processing	30,800	6.90	ton	213.0	76.60	16,279
Tomatoes, fresh	2,300	120	cwt.	276	36.00	9,936
	<u>Acres of Bearing Age</u>	<u>Pounds Per Acre</u>		<u>In Unit Indicated</u>	<u>Cents/lb.</u>	
FRUIT 1/	93,730					145,798
Apples 2/	52,500	16,600	mil. lbs.	870	12.6	109,620
Peaches	1,600	5,630	mil. lbs.	9.0	29.6	2,660
Tart cherries	4,000	3,930	mil. lbs.	4/15.7	10.3	1,561
Blueberries	280	3,040	1,000 lbs.	850.0	98.0	833
					<u>Dollars/ton</u>	
Pears	2,400	13,340	1,000 tons	4/16.0	259.00	4,019
Sweet cherries	450	3,120	1,000 tons	700	850.00	595
Grapes	32,500	7,260	1,000 tons	118	225.00	26,510
OTHER CROPS 1/	3/					151,300
Floriculture	3/	3/	1,000 sq. ft.	19,417	7.42 \$/sq. ft.	143,994
Mushrooms	3/	3/	1,000 lb.	4,500	87.6 ¢/lb.	3,940
Maple syrup	3/	3/	1,000 gal.	180	18.70 \$/gal.	3,366

1/ Category totals of acres harvested and value of production include only the crops listed and exclude crops for which annual estimates are not available. 2/ Price and value is packinghouse door equivalent. 3/ Not available or applicable. 4/ Total production includes the following quantities not utilized or sold: cabbage, 216,000 cwt.; onions, 223,000 cwt., tart cherries, 0.5 million pounds; pears, 500 tons. 5/ Value of sales.

CROPS

FIELD CROPS

Production of most field crops in 1993 was down. Exceptions were a slight increase in all hay production and a sharp increase in dry beans after a very poor 1992. Smaller harvested acreage and drier weather in eastern and southern counties during 1993 contributed to the decreases in production. The value of production for New York field crops in 1993 was up from a year earlier for grain and silage corn, soybeans, potatoes, and dry beans, but markedly lower for wheat, oats, and rye.

GRAIN CORN production totaled 60.9 million bushels, down one percent from 1992's level of 61.6 million bushels. Average yield of 105 bushels per acre was the best since 1987 and helped offset the 13 percent drop in acres harvested: 580 thousand acres in 1993 compared to 670 thousand acres in 1992. The value of production at \$158 million was up 12 percent from last year's \$142 million. Acres harvested for corn silage was up six percent from a year ago: 560 thousand in 1993 versus 530 thousand in 1992. Value of production for corn silage, at \$192 million, was up ten percent from last year's \$175 million. Silage corn production, at 7.95 million tons, is up three percent from 1992's output of 7.69 million tons. Nationally, New York ranked second behind Wisconsin in corn silage production.

WHEAT production in 1993 totaled 3.91 million bushels, down 37 percent from 1992's production of 6.16 million bushels. Average

yield, at 45 bushels per acre in 1993, was ten bushels per acre less than last year's 56 bushels per acre. The value of production, at \$11.7 million, was down 35 percent from \$16.6 million in 1992. Fewer seedings in the Fall of 1992, because of predominately wet weather, reduced harvested acreage in 1993.

OAT production declined 15 percent to 6.51 million bushels. The number of acres harvested, at 105 thousand acres, in 1993 dropped five percent from 1992's 110 thousand acres. Average yield per acre also declined eight bushels per acre. The value of New York's oat crop dropped 17 percent from \$11.0 million in 1992 to \$9.11 million in 1993.

RYE acres planted decreased 23 percent from 1992's levels. Excess rainfall during the 1992 planting season contributed to much of this decline. Rye production, at 216 thousand bushels, was down 25 percent from a year earlier. The value of production totaled \$475 thousand, down 19 percent from 1992's \$590 thousand.

ALL DRY HAY production was placed at 3.61 million tons, up slightly from last year's 3.59 million tons. Better haying conditions in most parts of the state helped push up production slightly in 1993. Value of production, at \$294 million, is the state's leader.

ALFALFA DRY HAY production was 1.72 million tons, down

nine percent from last year's 1.88 million tons. Value of production was \$158 million in 1993 versus \$180 million in 1992, a 12 percent decrease. Other dry hay production, which includes clover-timothy, mixed grasses, etc., was 1.89 million tons, 11 percent higher than 1992's level of 1.71 million tons. Value of production, at \$136 million in 1993 was four percent higher than \$131 million obtained in 1992.

POTATO production for the entire state was down two percent from last year. Long Island growers produced 1.64 million cwt. in 1993, down 17 percent from the previous year's level of 1.98 million cwt. Predominantly drier weather contributed to most of the decline for 1993. Upstate growers produced slightly more potatoes in 1993: 6.05 million cwt. versus 5.82 million cwt. in 1992. Value of production for Long Island's potato crop totaled \$13.2 million in 1993 compared to 1992's value of \$12.7 million, a four percent increase. Upstate value of production totaled \$44.2 million in 1993, a 12 percent increase over last year's \$39.3 million.

DRY BEAN production was 459 thousand cwt., up 50 percent from 1992's production of 305 thousand cwt. Better growing conditions in most areas explain the larger increase over last year's output. Average yield was 1,350 pounds per acre in 1993 versus 1,050 pounds per acre in 1992. The value of production, at \$8.63 million, was up 21 percent over last year's \$7.14 million.

1993 CROP SUMMARY

The snow melt from the "Blizzard of 1993" and cool, rainy conditions through **APRIL** delayed land preparation and planting. Soil moisture was surplus to excessive. Wheat and hay were in good condition, although some fields with poor drainage showed damage. April weather conditions hampered fruit growers efforts to get spring orchard and vineyard work done. Tree and vine development was delayed. For vegetable growers, the wet, saturated soil conditions prevented getting equipment onto fields for both soil preparation and planting. The super saturation of muck fields prevented growers from turning under cover crops and killing early weeds prior to spring plantings.

Drier weather during **MAY** permitted fieldwork to progress rapidly. Soil moisture was adequate. Planting progress by month's end was ahead of normal. Hay harvesting was underway before the month ended. Hay and wheat were in good condition. Potato planting passed the halfway mark. Oat planting neared completion. Weather conditions were conducive for planting fruit trees and applying insecticides and fungicides. Winter damage was evident on some apple varieties, peaches, sweet cherries and grapes. Temperatures, however, were marginal for pollination. Vegetable planting ran 10 to 14 days later than normal. Growers worked fields as soon as the fields dried enough to allow equipment to enter. Cool temperatures delayed development of the

strawberry crop. As the month continued, sunny weather dried fields. Strawberry plant early growth was uneven in some fields. Sweet corn and early growth in Central New York was excellent due to near perfect conditions.

Planting and harvesting activities were pushed along rapidly by excellent weather during **JUNE**. Soil moisture continued adequate. Hay harvest was in full swing, with the first cutting of alfalfa above 80 percent complete by month's end. Early planted corn was up and in good condition. Potato fields were flowering. Pastures continued in very good condition. Cool, wet conditions during the first half of the month continued to hamper fruit crop development throughout the state. Winter damage became more evident as fruit crops developed. Vinifera grape varieties in the Finger Lakes were especially hard hit. By month's end, many tree fruit growers had begun irrigation due to soil moisture shortages. In Orange County, unseasonably cool, dry weather slowed vegetable growth. The early sweet corn crop needed warmer weather. In the Western and Central sections of the state of the state, the strawberry crop and tender crops such as lettuce, tomatoes and peppers suffered damage from an unusually late frost. Many vegetable fields were replanted as a result. Early plantings of muckland vegetables made slow growth.

Hot, dry conditions during **JULY** depleted soil moisture and stressed crops. Soil moisture was rated short during most of the month. Irrigation was used where available. Wheat harvest progressed rapidly; by month's end 87 percent had been harvested, well ahead of normal. Oat harvest was just underway. Corn was tasseling, a

critical stage where moisture is needed. First cuttings of alfalfa were finished, second cuttings over half completed. Fruit crops began to show stress. Sweet cherry harvest began around July 4. Tart cherry harvest began around July 15. Some loads were rejected due to brown rot. Peach harvest was underway on early varieties - a light crop was anticipated. Vegetable planting continued through early July, but still remained 10 to 20 days behind normal. There were many fields that could not be worked early enough for the particular crop's growing season and went unplanted. Tender crops like tomatoes, sweet corn and peppers that normally appear on the market for the fourth of July did not appear until late in the month. Humid, sunny weather brought the strawberry crop to maturity virtually all at once and growers were unable to harvest all fields. Dry weather conditions began to affect Orange County and the lower Hudson Valley. This forced onion growers to irrigate. Both onion sizing and growth were slow. Due to the erratic weather, the first sweet corn to appear on the market suffered from both small ear size and poor ear fill.

Dryness continued into **AUGUST**, further depleting soil moisture, especially in southern and eastern regions. Soil moisture was short in these areas and adequate elsewhere. Corn condition fell to poor to good, depending on the area. In drier fields corn was curling and even turned brown in some fields. Silage harvest had begun by month's end. The second cutting of alfalfa was winding down and the third cutting neared one-third complete. Regrowth was poor due to dryness. The wheat harvest was finished and the oat harvest

continued active. Potato growers began killing vines about mid-month and harvest was underway by the end of the month. The dry conditions continued to stress fruit crops, especially on orchards and vineyards without irrigation. In some areas irrigation water supplies were depleted. Quality of early apple varieties was good with high sugar content. Peaches were of good size and quality - yields, however, were low. Harvest of Clapp's Favorite pears reached completion during the week ending August 22. By month's end, harvest of Bartlett pears was getting underway. Dryness forced growers to irrigate. Orange County onion harvesting started. Yields were below expectations. Sweet corn maturity varied because of dryness. The tomato crop ripened slowly. Pumpkin and melon crops benefitted from reduced insect pressures due to dry weather. By mid-month vegetable harvesting was in full swing. Irrigation continued. Ear fill and size improved for later maturing sweet corn. As the month progressed, warmer weather improved fruit set on tomatoes and they ripened more evenly. The warm weather of mid-summer and early August matured broccoli earlier than normal.

Harvests were in high gear during **SEPTEMBER**. Much needed rainfall was received and improved soil moisture levels and helped pastures and hay regrowth. Corn silage harvest reached one-quarter complete by month's end and the third cutting of alfalfa was three-quarters finished. Potato and dry bean harvests were in full swing. Winter wheat planting was underway at mid-month. Frost

occurred near the end of the month ending the growing season for most crops. Harvesting of tree fruits and grapes was active during the month. Some apple orchards in the Lake Ontario region experienced hail damage during the first week of the month. Warmer temperatures during the early part of the month lessened fruit coloring. Bartlett pear harvest was winding down by mid-month while grape harvest was picking up. Quality of Finger Lakes grown grapes was generally very good with only slight bunch rot problems and good acid/sugar balance. Cooler weather during the latter part of the month was beneficial for apple color development. By month's end, harvest of Bosc pears was underway. Pressing apples for cider was in high gear. Vegetable harvesting started to wind down. Pick-your-own tomato operations were in full swing as hot, humid weather caused the crop to ripen all at once. Central New York harvesting of sweet corn for both fresh market and processing sales continued. Due to hot, muggy weather, plantings matured all at once. This caused some acreage to be by-passed and not harvested. Although onion quality remained excellent, bulb sizes were generally smaller than usual. The pumpkin crop remained in good condition but sizes were generally smaller than usual. An early frost at month's end ended the growing season for tender vegetables.

Rainfall during **OCTOBER** stalled field activities. The most heard quote was "where was the rain when we needed it?" Corn silage harvest neared completion as the grain corn harvest picked up momentum at the end of the month. Long Island potatoes were 80 percent har-

vested, dry bean harvest neared completion. Fall plowing was hampered by wet, muddy fields. Apple harvest continued. Varieties being picked included Delicious, Empire, Idared and Rome. The crop picked out well below growers earlier expectations. Much of the fruit originally intended for fresh market was hail damaged and was diverted to processing. Harvesting of hardy crops such as broccoli and cabbage continued. Early hard freezes ended the season for most crops.



Table 10. FIELD CROPS: Acreage, Yield, Production, and Value, 1984-1993

Crop Year	Planted	Harvested	Yield per acre	Production	Mkting. year wtd. average price	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars per bu.	1,000 dollars
WHEAT						
1984	180	170	46.0	7,820	3.25	25,415
1985	155	145	58.0	8,410	2.80	23,548
1986	165	155	49.0	7,595	2.25	17,089
1987	95	85	45.0	3,825	2.60	9,945
1988	95	90	55.0	4,950	3.50	17,325
1989	135	130	45.0	5,850	3.50	20,475
1990	150	145	49.0	7,105	2.70	19,184
1991	115	110	49.0	5,390	3.35	18,057
1992	120	110	56.0	6,160	2.70	16,632
1993	95	85	46.0	3,910	3.00	11,730
OATS						
1984	230	180	59.0	10,620	1.95	20,709
1985	250	200	77.0	15,400	1.09	16,786
1986	210	170	68.0	11,560	1.15	13,294
1987	230	180	60.0	10,800	1.62	17,496
1988	180	145	52.0	7,540	2.18	16,437
1989	180	155	59.0	9,145	1.35	12,346
1990	160	135	61.0	8,235	1.41	11,611
1991	130	100	50.0	5,000	1.56	7,800
1992	140	110	70.0	7,700	1.43	11,011
1993	135	105	62.0	6,510	1.40	9,114
RYE						
1984	105	13.0	33.0	429	2.85	1,223
1985	110	12.0	35.0	420	2.70	1,134
1986	105	13.0	33.0	429	2.20	944
1987	90	10.0	30.0	300	2.50	750
1988	100	12.0	33.0	396	2.35	931
1989	80	15.0	32.0	480	2.55	1,224
1990	60	10.0	26.0	260	2.55	663
1991	50	8.0	33.0	264	2.55	673
1992	52	9.0	32.0	288	2.05	590
1993	40	8.0	27.0	216	2.20	475
BARLEY						
1984 1/						
1985	25	23.0	62.0	1,426	1.50	2,139
1986	33	29.0	55.0	1,595	1.40	2,233
1987	23	19.5	50.0	950	1.30	1,235
1988	19	15.0	49.0	735	2.00	1,470
1989	16	12.0	45.0	540	1.90	1,026
1990	12	9.0	50.0	450	1.95	878
1991	13	11.0	45.0	495	1.55	767
1992	12	10.0	56.0	560	1.75	980
1993	14	12.0	52.0	624	1.60	998
SOYBEANS						
1984	22	21.0	28.0	588	5.45	3,205
1985	20	19.5	26.0	507	4.70	2,383
1986	24	23.0	31.0	713	4.70	3,351
1987	28	26.0	38.0	988	5.70	5,632
1988	35	31.0	33.0	1,023	7.30	7,468
1989	37	34.0	29.0	986	5.40	5,324
1990	40	39.0	35.0	1,365	5.50	7,508
1991	49	48.0	31.0	1,488	5.30	7,886
1992	52	50.0	30.0	1,500	5.25	7,875
1993	56	55.0	34.0	1,870	6.00	11,220

1/ Data not available.

Table 10. FIELD CROPS: Acreage, Yield, Production, and Value, 1984-1993 (Continued)

Crop Year	Planted ^{2/}	Harvested	Yield per acre	Production	Mktg. year wtd. average price	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars per bu.	1,000 dollars
CORN FOR GRAIN						
1984	1,350	670	91.0	60,970	2.85	173,765
1985	1,380	720	95.0	68,400	2.45	167,580
1986	1,260	650	99.0	64,350	1.76	113,256
1987	1,150	600	109.0	65,400	2.20	143,880
1988	1,070	540	85.0	45,900	2.83	129,897
1989	1,150	570	93.0	53,010	2.80	148,428
1990	1,210	620	98.0	60,760	2.44	148,254
1991	1,230	660	98.0	64,680	2.70	174,636
1992	1,250	670	92.0	61,640	2.30	141,772
1993	1,150	580	105.0	60,900	2.60	158,340
CORN SILAGE						
			Tons	1,000 tons	Dollars per ton	
1984	-	665	13.5	8,978	24.60	220,859
1985	-	640	14.0	8,960	22.70	203,392
1986	-	580	14.0	8,120	21.90	177,828
1987	-	530	15.0	7,950	22.70	180,465
1988	-	525	13.0	6,825	24.20	165,165
1989	-	550	13.0	7,150	23.60	168,740
1990	-	580	15.0	8,700	24.90	216,630
1991	-	550	14.0	7,700	23.80	183,260
1992	-	530	14.5	7,685	22.80	175,218
1993	-	560	14.2	7,952	24.10	191,643
ALFALFA HAY						
1984	-	940	2.90	2,726	-	-
1985	-	930	2.80	2,604	-	-
1986	-	925	2.85	2,636	-	-
1987	-	930	2.80	2,604	-	-
1988	-	880	2.70	2,376	-	-
1989	-	840	2.45	2,058	88.00	181,104
1990	-	860	2.55	2,193	85.50	187,502
1991	-	760	2.50	1,900	84.50	160,550
1992	-	800	2.35	1,880	95.50	179,540
1993	-	700	2.45	1,715	92.00	157,780
OTHER HAY						
1984	-	1,320	2.00	2,640	-	-
1985	-	1,300	2.05	2,665	-	-
1986	-	1,320	2.10	2,772	-	-
1987	-	1,230	2.05	2,522	-	-
1988	-	1,190	1.95	2,321	-	-
1989	-	1,240	2.00	2,480	60.50	150,040
1990	-	1,120	1.95	2,184	64.50	140,868
1991	-	1,190	1.85	2,202	72.00	158,544
1992	-	900	1.90	1,710	76.50	130,815
1993	-	1,050	1.80	1,890	72.00	136,080
ALL HAY ^{3/}						
1984	-	2,260	2.37	5,366	81.50	437,329
1985	-	2,230	2.36	5,269	75.50	397,810
1986	-	2,245	2.41	5,408	70.50	381,264
1987	-	2,160	2.37	5,126	72.00	369,072
1988	-	2,070	2.27	4,697	75.50	354,624
1989	-	2,080	2.18	4,538	75.50	331,144
1990	-	1,980	2.21	4,377	77.00	328,370
1991	-	1,950	2.10	4,102	77.50	319,094
1992	-	1,700	2.11	3,590	88.00	310,355
1993	-	1,750	2.06	3,605	87.00	293,860

^{2/} Complete utilization of corn acreage planted is shown on page 24. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres. ^{3/} All hay price is based on weighted sales, not production.

Table 10. FIELD CROPS: Acreage, Yield, Production, and Value, 1984-1993 (Continued)

Crop Year	Planted	Harvested	Yield per acre	Production	Mktg. year wtd. average price	Value of production
	1,000 acres	1,000 acres	Lbs.	1,000 cwt.	Dollars per cwt.	1,000 dollars
DRY BEANS 4/						
1984	32	31.0	1,200	372	20.70	7,700
1985	35	33.0	900	297	19.10	5,673
1986	33	31.0	1,400	434	19.50	8,463
1987	29	28.0	1,500	420	15.10	6,342
1988	27	25.0	1,300	325	30.30	9,848
1989	32	31.0	1,450	450	31.30	14,085
1990	41	39.5	1,700	672	16.00	10,752
1991	36	35.0	1,380	483	19.00	9,177
1992	35	29.0	1,050	305	23.40	7,137
1993	37	34.0	1,350	459	18.80	8,629

4/ Production by major varieties is shown on page 22.

Table 11. POTATOES: Acreage, Yield, Production, Disposition, Sales, and Value, 1984-1993

Crop Year	Planted ¹	Harvested	Yield per acre	Production	Used on farms where grown 1/	Sold	Mktg. year wtd. average price	Value	
	Acres	Acres	Cwt.	1,000 cwt.			Dollars per cwt.	1,000 dollars	
LONG ISLAND									
1984	13,600	13,500	265	3,577	167	3,410	5.40	19,316	18,414
1985	13,000	12,900	300	3,870	325	3,545	2.90	11,223	10,281
1986	10,500	10,400	285	2,964	172	2,792	7.10	21,044	19,823
1987	9,800	9,700	250	2,425	145	2,280	5.15	12,489	11,742
1988	8,400	8,300	240	1,992	62	1,930	8.10	16,135	15,633
1989	7,500	7,300	260	1,898	48	1,850	8.85	16,797	16,373
1990	6,500	6,500	300	1,950	75	1,875	7.00	13,650	13,125
1991	6,600	6,600	250	1,650	65	1,585	8.95	14,768	14,186
1992	6,200	6,200	320	1,984	114	1,870	6.40	12,698	11,968
1993	6,300	6,200	265	1,643	2/	2/	8.05	13,226	2/
UPSTATE									
1984	26,000	25,500	260	6,630	990	5,640	6.30	41,769	35,532
1985	26,000	25,500	250	6,375	775	5,600	4.45	28,369	24,920
1986	24,000	22,500	235	5,288	448	4,840	7.80	41,246	37,752
1987	26,000	25,000	250	6,250	595	5,655	6.15	38,438	34,778
1988	25,000	24,000	200	4,800	440	4,360	9.35	44,880	40,766
1989	22,500	21,500	220	4,730	335	4,395	8.65	40,915	38,017
1990	22,500	22,000	270	5,940	355	5,585	7.55	44,847	42,167
1991	23,000	22,900	230	5,267	477	4,790	8.65	45,560	41,434
1992	22,000	20,800	280	5,824	929	4,895	6.75	39,312	33,041
1993	22,500	22,000	275	6,050	2/	2/	7.30	44,165	2/
STATE TOTAL									
1984	39,600	39,000	262	10,207	1,157	9,050	5.95	61,085	53,946
1985	39,000	38,400	267	10,245	1,100	9,145	3.85	39,592	35,201
1986	34,500	32,900	251	8,252	620	7,632	7.55	62,290	57,622
1987	35,800	34,700	250	8,675	740	7,935	5.85	50,927	46,578
1988	33,400	32,300	210	6,792	502	6,290	8.95	61,015	56,399
1989	30,000	28,800	230	6,628	383	6,245	8.70	57,712	54,390
1990	29,000	28,500	277	7,890	430	7,460	7.40	58,497	55,292
1991	29,600	29,500	234	6,917	542	6,375	8.70	60,328	55,620
1992	28,200	27,000	289	7,808	104	6,765	6.65	52,010	45,009
1993	28,800	28,200	273	7,693	2/	2/	7.45	57,391	2/

1/ Includes feed and seed used on farms where produced and shrinkage during storage.

2/ Available September 22, 1994.

Table 12. POTATOES: Stock Held by Growers and Local Dealers, 1984-1993 ^{1/}

Crop Year	December 1	January 1	February 1	March 1	April 1
<u>1,000 cwt.</u>					
<u>LONG ISLAND</u>					
1984	1,550	1,100	700	400	150
1985	2,000	1,450	950	550	200
1986	955	665	405	2/	2/
1987	920	660	375	2/	2/
1988	850	650	450	2/	2/
1989	800	400	200	2/	2/
1990	650	410	220	2/	2/
1991	750	550	400	2/	2/
1992	800	500	300	2/	2/
1993	600	450	250	2/	2/
<u>UPSTATE</u>					
1984	3,100	2,700	2,000	1,400	900
1985	3,600	3,000	2,100	1,600	900
1986	2,500	2,000	1,300	750	300
1987	3,500	2,750	2,100	1,500	800
1988	2,800	2,200	1,700	1,100	550
1989	2,300	1,700	1,300	900	500
1990	2,500	1,800	1,000	600	250
1991	2,300	1,900	1,300	700	300
1992	2,600	2,000	1,600	1,400	800
1993	3,300	2,900	2,400	2,000	1,200
<u>STATE TOTAL</u>					
1984	4,650	3,800	2,700	1,800	1,050
1985	5,600	4,450	3,050	1,700	1,100
1986	3,455	2,665	1,705	2/	2/
1987	4,420	3,410	2,475	2/	2/
1988	3,650	2,850	2,150	2/	2/
1989	3,100	2,100	1,500	2/	2/
1990	3,150	2,210	1,220	2/	2/
1991	3,050	2,450	1,700	2/	2/
1992	3,400	2,500	1,900	2/	2/
1993	3,900	3,350	2,650	2/	2/

^{1/} Total stocks consist of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.

^{2/} Not published to avoid disclosure of individual operations.

Table 13. DRY BEANS: Acreage, Yield, and Production, by Class, 1984-1993

Crop Year	Acres		Yield per acre	Production
	Planted	Harvested		
	1,000 acres		Cwt.	1,000 cwt.
RED KIDNEY 1/				
1984	23.0	22.0	11.9	261
1985	23.5	22.6	9.1	205
1986	24.0	23.0	13.5	311
1987	20.5	20.0	14.9	298
1988	18.0	17.0	12.4	211
1989	22.0	21.5	14.8	318
1990	21.0	20.0	16.8	336
Light	5.5	5.4	16.9	91
Dark	20.0	19.5	13.6	266
1991	4.5	4.3	15.3	66
Light	19.5	16.0	9.7	155
Dark	3.5	2.6	10.8	28
1992	20.0	18.0	12.8	230
Light	5.0	4.8	12.5	60
Dark				
BLACK TURTLE SOUP				
1984	6.0	6.0	12.5	75
1985	9.0	8.0	9.0	72
1986	6.5	6.0	16.2	97
1987	6.0	5.7	16.0	91
1988	6.3	5.6	15.0	84
1989	7.1	6.8	14.1	96
1990	10.0	9.8	17.6	172
1991	8.0	7.8	12.7	99
1992	8.5	7.2	12.5	90
1993	8.0	7.5	16.0	120
OTHER CLASSES				
1984	3.0	3.0	12.0	36
1985	2.5	2.4	8.3	20
1986	2.5	2.0	13.0	26
1987	2.5	2.3	13.5	31
1988	2.7	2.4	12.5	30
1989	2.9	2.7	13.3	36
1990	4.5	4.3	17.0	73
1991	3.5	3.4	15.3	52
1992	3.5	3.2	10.0	32
1993	4.0	3.7	13.2	49
ALL CLASSES				
1984	32.0	31.0	12.0	372
1985	35.0	33.0	9.0	297
1986	33.0	31.0	14.0	434
1987	29.0	28.0	15.0	420
1988	27.0	25.0	13.0	325
1989	32.0	31.0	14.5	450
1990	41.0	39.5	17.0	672
1991	36.0	35.0	13.8	483
1992	35.0	29.0	10.5	305
1993	37.0	34.0	13.5	459

1/ Beginning in 1990 Light Red Kidney Beans and Dark Red Kidney Beans are shown separately.

Table 14. DRY BEANS in New York Storages, by Class, 1984-1993

Crop Year	Total production	Stocks following harvest								
		On farms			Com'l storages			Total stocks		
		Jan. 1	Apr. 1	Sept. 1	Jan. 1	Apr. 1	Sept. 1	Jan. 1	Apr. 1	Sept. 1
1,000 cwt.										
RED KIDNEY 1/										
1984	261	25	18	2	155	65	14	180	83	16
1985	205	15	5	2	120	48	3	135	53	5
1986	311	25	14	3	130	46	10	155	60	13
1987	298	25	10	2	116	75	11	141	85	13
1988	211	15	10	3	83	38	3	98	48	6
1989	318	25	10	4	120	58	5	145	68	9
1990 Light	336	14	9	2	152	67	6	166	76	8
1990 Dark	91	18	3	1	3	1	-	21	4	1
1991 Light	266	5	3	-	151	102	3/	156	105	3/
1991 Dark	66	1	-	-	8	6	3/	9	6	3/
1992 Light	155	4	-	-	99	63	3/	103	63	3/
1992 Dark	39	-	-	-	1	3/	-	1	3/	-
1993 Light	230	2	4/	4/	142	63	2/	144	63	2/
1993 Dark	60	3/	4/	4/	1	-	2/	3/	-	2/
BLACK TURTLE SOUP										
1984	75	20	8	5	70	40	20	90	48	25
1985	72	4	3	3	42	18	2	46	21	5
1986	97	14	10	1	40	27	5	54	37	6
1987	91	3	2	1	58	45	11	61	47	12
1988	84	6	3	1	45	20	1	51	23	2
1989	96	5	3	3	28	16	1	33	19	4
1990	172	11	3	-	51	22	4	62	25	4
1991	99	4	3	1	65	60	3/	69	63	3/
1992	78	6	2	-	52	36	11	58	38	11
1993	120	1	4/	4/	92	37	2/	93	37	2/
OTHER CLASSES										
1984	36	2	-	-	13	2	1	15	2	1
1985	20	1	-	-	13	5	-	14	5	-
1986	26	1	-	-	15	8	-	16	8	-
1987	31	1	1	-	21	15	3	22	16	3
1988	30	1	1	1	18	9	1	19	10	2
1989	36	2	1	1	14	2	1	16	3	2
1990	73	9	1	-	17	12	6	26	13	6
1991	52	2	1	-	20	15	8	21	16	8
1992	33	2	-	-	17	3/	-	19	3/	3/
1993	49	-	4/	4/	16	2	2/	16	2	2/
ALL CLASSES										
1984	372	47	26	7	238	107	35	285	133	42
1985	297	20	8	5	175	71	5	195	79	10
1986	434	40	24	4	185	81	15	225	105	19
1987	420	29	13	3	195	135	25	224	148	28
1988	325	22	14	5	146	67	5	168	81	10
1989	450	32	14	8	162	76	7	194	90	15
1990	672	52	16	3	223	102	16	275	118	19
1991	483	12	7	1	244	183	82	256	190	83
1992	305	12	2	-	169	106	36	181	108	36
1993	459	3/	4/	4/	251	102	2/	3/	102	2/

1/ Beginning in 1990 Light Red Kidney Beans and Dark Red Kidney Beans are shown separately.

2/ Available September 1994.

3/ Not published to avoid disclosure of individual operations.

4/ Estimates discontinued.

Table 15. CORN: Acreage Utilization, 1984-1993

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and abandoned
1,000 acres							
1984	1,350	670	405	175	90	665	15
1985	1,380	720	455	175	90	640	20
1986	1,260	650	405	175	70	580	30
1987	1,150	600	370	160	70	530	20
1988	1,070	540	325	155	60	525	5
1989	1,150	570	350	160	60	550	30
1990	1,210	620	380	180	60	580	10
1991	1,230	660	430	175	55	550	20
1992	1,250	670	480	150	40	530	50
1993	1,150	580	420	130	30	560	10

Table 16. HAY: Stocks on Farms, 1984-1993

Crop Year	Total production	Stocks Following Harvest			
		December 1		May 1	
		Stocks	Percent of production	Stocks	Percent of production
	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>Percent</u>	<u>1,000 tons</u>	<u>Percent</u>
1984	5,366	1/3,005	56	966	18
1985	5,269	1/3,267	62	1,001	19
1986	5,408	3,894	72	1,028	19
1987	5,126	3,588	70	820	16
1988	4,697	2,818	60	798	17
1989	4,538	3,177	70	998	22
1990	4,377	3,502	80	1,007	23
1991	4,102	2,666	65	615	15
1992	3,590	2,334	65	503	14
1993	3,605	1,983	55	361	10

1/ Estimate as of January 1.

FEED GRAIN DEFICIT DECLINES

Feed grain production in New York during 1993 was down two percent from a year earlier. Responsible for this decrease was a drop in corn and oat production. Parallel to the decline in grain production was a two percent decrease in grain consuming animal units during the year. The quantity of grain fed per animal remained unchanged from 1992. This resulted in a four percent smaller feed grain deficit for the State.

During the early 1970's nearly two million tons of feed grain were being brought into New York annually to meet the feeding requirements of the State's livestock and poultry industry. By 1981, feed grain production was at a record high and the deficit fell to an all time low of 121,000 tons. The quantity produced during 1993 met 82 percent of the feeding requirements, resulting in a net deficit of 393,000 tons.

Table 17. FEED GRAIN: Production and Quantities Fed, 1984-1993

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
1,000 tons			
1984	1,911	2,485	574
1985	2,195	2,498	303
1986	2,025	2,391	366
1987	2,027	2,288	261
1988	1,424	2,198	774
1989	1,643	2,209	566
1990	1,844	2,257	413
1991	1,903	2,239	336
1992	1,862	2,271	409
1993	1,824	2,217	393

VEGETABLES

The value of New York's vegetable production in 1993 totaled 254.1 million dollars. This was up 23 percent from the value of the 1992 output. The value of fresh market vegetables increased 21 percent to 213 million dollars, while processing vegetables increased 36 percent to 41.1 million dollars.

The year-end estimate of production for the principle New York vegetable crops grown for fresh market in 1993

was 12.1 million hundredweight (cwt.). This was an increase of ten percent from the 11.0 million cwt. produced in 1992 but one percent below the 11.9 million cwt. produced in 1991.

Long Island's cabbage production for 1993, estimated at 510 thousand cwt., was 19 percent below 1992 production of 630 thousand cwt. and three percent below 1991's output. New York's Upstate cabbage

production, at 3,318 thousand cwt. was 52 percent above the 2,178 thousand cwt. produced during 1992 and 15 percent above the 1991 crop of 2,880 thousand cwt.

New York's fresh market sweet corn production for 1993 was estimated at 1,955 thousand cwt., up 18 percent from the 1,651 thousand cwt. crop of 1992. Fresh market lettuce production for 1993, estimated at 253 thousand cwt. was 17 percent below last year's crop of 304 thousand cwt.

Table 18. PRINCIPAL VEGETABLES FOR FRESH MARKET ^{1/}

Year	Planted	Harvested	Production	Value
	—1,000 acres—		1,000 cwt.	Million dollars
1984	76.9	73.7	12,148	139.8
1985	76.5	72.9	11,859	135.6
1986	72.2	67.5	11,287	167.4
1987	72.9	67.7	11,504	166.8
1988	71.7	64.8	10,118	165.7
1989	70.5	65.4	10,484	176.3
1990	71.6	67.7	13,441	172.8
1991	72.3	67.9	11,879	208.4
1992	73.8	64.8	11,046	176.5
1993	68.0	63.8	12,110	213.0

^{1/} Includes processing totals for dual usage crops (carrots and cauliflower).

Table 19. PRINCIPAL VEGETABLES FOR PROCESSING ^{1/}

Year	Planted	Harvested	Production	Value
	—1,000 acres—		1,000 tons	Million dollars
1984	80.2	75.6	369.3	33.8
1985	83.7	80.5	355.9	37.6
1986	67.7	65.6	299.5	26.5
1987	74.0	71.0	384.3	30.9
1988 ^{2/}	71.9	69.4	290.0	24.1
1989 ^{2/}	72.8	70.2	327.1	32.3
1990 ^{2/}	75.0	68.7	385.2	36.4
1991 ^{2/}	74.4	71.1	310.7	33.0
1992 ^{2/}	71.0	64.1	321.7	30.3
1993 ^{2/}	72.1	66.7	423.8	41.1

^{1/} Includes snap beans, beets, cabbage for kraut, sweet corn, and green peas.

^{2/} Beginning in 1988, includes tomatoes.

Onion production in New York for both fresh market and processing sales was estimated at 3,720 thousand cwt. for 1993. This was a decrease of 15 percent from the 4,392 thousand cwt. produced in 1992 but five percent above the 3,540 thousand cwt. crop of 1991.

The 1993 production estimate for New York's principle processing vegetable crops was 424 thousand tons, 32 percent above the 322 thousand tons produced in 1992. This was 36 percent above the 311 thousand tons produced in 1991.

The State's production during 1993 of snap beans for processing was estimated at 54.1 thousand tons, 26 percent above the 43.1 thousand tons grown in 1992. Production of sweet corn for processing was estimated at 213 thousand tons, 26 percent above the 169 thousand tons produced in 1992 and 81 percent above the 118 thousand tons produced two years ago. Production of cabbage for kraut at 73.0 thousand tons was 109 percent above the 35.0 thousand tons produced in 1992.

Table 20. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1984-1993

Crop and Year	Planted	Harvested	Yield per acre	Production	Mktg. year wtd. average price	Value
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dollars</u>
CARROTS 1/						
1984	1,700	1,600	355	568	5.82	3,305
1985	1,500	1,400	385	539	9.73	5,247
1986	1,500	1,400	400	478	11.30	5,405
1987	1,200	1,200	360	432	12.90	5,555
1988	1,300	1,200	350	420	9.60	4,030
1989	1,300	1,200	360	432	8.91	3,847
1990	1,300	1,200	365	438	8.55	3,745
1991	1,300	1,200	430	516	14.60	7,558
1992	1,500	1,300	390	507	15.40	7,807
1993	1,500	1,300	390	507	8.60	4,360
CAULIFLOWER 1/ 2/						
<u>Long Island</u>						
1984	2,200	2,000	130	260	27.60	7,163
1985	2,100	2,000	110	220	24.50	5,379
1986	1,700	1,600	120	192	28.90	5,554
1987	1,800	1,600	100	160	25.90	4,144
1988	1,800	1,500	120	180	27.70	4,986
1989	1,400	1,300	115	150	28.60	4,286
1990	1,200	1,200	120	144	26.10	3,754
1991	1,200	1,000	160	160	26.00	4,163
1992	1,000	900	100	90	35.60	3,204
1993	900	800	150	120	44.40	5,329
<u>Upstate</u>						
1984	2,000	1,900	110	209	21.60	4,514
1985	2,000	1,900	120	228	17.50	3,990
1986	1,800	1,500	110	165	27.60	4,554
1987	1,700	1,500	105	158	26.30	4,155
1988	1,800	1,600	95	152	24.90	3,785
1989	1,600	1,400	120	168	31.10	5,225
1990	1,600	1,400	120	168	27.70	4,654
1991	1,500	1,400	135	189	27.60	5,216
1992	1,800	1,500	130	195	36.20	7,052
1993	1,700	1,500	150	225	40.80	9,172
<u>State Total</u>						
1984	4,200	3,900	120	469	24.90	11,677
1985	4,100	3,900	115	448	20.90	9,369
1986	3,500	3,100	115	357	28.30	10,108
1987	3,500	3,100	100	318	26.10	8,299
1988	3,600	3,100	107	332	26.40	8,771
1989	3,000	2,700	118	318	29.90	9,511
1990	2,800	2,600	120	312	26.95	8,408
1991	2,700	2,400	145	349	26.90	9,379
1992	2,800	2,400	119	285	35.99	10,256
1993	2,600	2,300	150	345	42.00	14,501

1/ Includes quantities used for processing.

2/ Cauliflower yield and production are in terms of "close trim" as used for cello-wrap packaging. Weight of close trim is approximately 55 percent of usual field pack.

Table 20. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1984-1993 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Mkting. year wtd. average price	Value
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dollars</u>
<u>CELERY 1/</u>						
1984	810	750	400	300	10.30	3,090
1985	610	610	405	247	11.50	2,841
1986	470	470	410	193	16.30	3,146
1987	490	490	410	201	17.70	3,558
1988	490	430	400	172	21.10	3,629
1989	430	430	400	172	18.40	3,165
1990	440	360	300	108	14.10	1,523
1991	380	380	460	175	16.80	2,940
1992	320	300	450	135	40.30	5,441
1993	230	220	300	66	36.90	2,435
<u>CUCUMBERS</u>						
1984	3,300	3,200	105	336	13.30	4,469
1985	3,300	3,200	115	368	15.90	5,851
1986	3,600	3,500	125	438	11.40	4,993
1987	3,200	3,100	125	388	15.45	5,995
1988	3,200	3,100	115	357	17.10	6,105
1989	3,100	2,900	105	305	21.40	6,527
1990	3,600	3,500	134	469	12.10	5,675
1991	3,700	3,600	145	522	16.60	8,665
1992	4,000	3,800	140	532	18.70	9,948
1993	4,400	4,300	145	624	12.10	7,550
<u>LETTUCE</u>						
1984	4,200	3,800	205	779	15.40	11,997
1985	4,100	3,700	205	759	12.40	9,412
1986	3,700	3,100	200	620	13.60	8,432
1987	3,600	3,400	200	680	14.90	10,132
1988	3,100	2,600	180	468	14.60	6,833
1989	2,700	2,400	205	492	14.50	7,134
1990	3,000	2,600	200	520	15.60	8,112
1991	3,000	2,600	190	494	14.10	6,965
1992	2,600	1,900	160	304	25.60	7,782
1993	1,300	1,100	230	253	15.70	3,972
<u>GREEN BEANS</u>						
1984	4,800	4,700	45	212	35.00	7,420
1985	4,300	4,200	47	197	31.40	6,186
1986	4,000	3,700	46	170	37.30	6,341
1987	4,000	3,700	47	174	32.60	5,672
1988	4,400	4,100	40	164	55.00	9,020
1989	6,200	6,000	53	318	58.50	18,603
1990	4,300	4,000	65	260	53.20	13,832
1991	4,800	4,600	70	322	52.80	17,002
1992	4,200	3,700	40	148	49.90	7,385
1993	4,200	4,100	75	308	28.70	8,840

1/ Includes quantities used for processing.

Table 20. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1984-1993 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Mkting. year wtd. average price	Value
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dollars</u>
STRAWBERRIES 1/						
1984	3,100	3,000	51	153	54.70	8,369
1985	3,400	3,300	51	168	44.60	7,493
1986	3,400	3,300	55	182	41.90	7,626
1987	2,900	2,800	57	160	56.90	9,104
1988	2,700	2,500	48	120	73.10	8,772
1989	2,500	2,400	56	134	87.50	11,725
1990	3,000	2,700	63	170	83.00	14,110
1991	3,800	3,400	56	190	75.90	14,421
1992	3,900	3,600	30	108	107.00	11,556
1993	4,000	3,800	60	228	135.60	30,780
SWEET CORN						
1984	28,200	26,800	76	2,037	11.80	24,037
1985	30,000	28,400	67	1,903	10.30	19,601
1986	26,500	24,700	71	1,754	13.30	23,328
1987	29,200	27,200	77	2,094	10.40	21,778
1988	27,800	24,800	70	1,736	14.30	24,825
1989	26,100	24,800	80	1,984	15.10	29,958
1990	27,600	26,500	80	2,120	11.50	24,380
1991	28,600	26,500	75	1,988	14.20	28,230
1992	29,400	25,400	65	1,651	11.90	19,647
1993	25,000	23,000	85	1,955	11.90	23,265
TOMATOES						
1984	3,100	3,000	110	330	28.40	9,372
1985	3,000	2,800	140	392	27.20	10,662
1986	2,400	2,200	142	312	29.90	9,329
1987	2,500	2,300	150	345	32.80	11,316
1988	2,500	2,400	160	384	45.40	17,434
1989	2,600	2,500	170	425	37.70	16,023
1990	2,900	2,800	160	448	36.60	16,397
1991	2,800	2,700	140	378	38.60	14,591
1992	2,900	2,200	80	176	38.90	6,846
1993	2,500	2,300	120	276	36.00	9,936

1/ Includes small quantities processed.

Table 21. CABBAGE FOR FRESH MARKET: Acres, Yield, Production, Sales, and Value, 1984-1993

Crop Year	Planted	Harvested	Yield per acre	Production	Sales 1/	Mktng. year wtd. average price	Value of sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars
Long Island							
1984	1,600	1,500	245	368	368	6.25	2,300
1985	1,500	1,300	250	325	325	9.70	3,153
1986	2,000	1,800	275	495	495	16.50	8,168
1987	1,800	1,600	320	512	512	14.50	7,424
1988	1,700	1,500	300	450	450	12.90	5,805
1989	1,900	1,700	320	544	544	12.00	6,528
1990	1,900	1,800	350	630	567	10.70	6,067
1991	1,600	1,500	350	525	525	14.60	7,665
1992	1,500	1,400	450	630	630	8.85	5,576
1993	1,600	1,500	340	510	510	10.70	5,457
Upstate 1/							
1984	7,500	7,300	440	3,212	2,794	8.25	23,051
1985	7,200	6,900	370	2,553	2,305	7.20	16,596
1986	7,600	7,200	350	2,520	2,243	10.70	24,000
1987	7,600	7,200	410	2,952	2,627	9.50	24,957
1988	7,700	7,400	350	2,590	2,344	12.90	30,238
1989	7,500	7,200	340	2,448	2,191	12.10	26,511
1990	7,900	7,400	450	3,330	2,738	7.70	21,083
1991	7,300	7,200	400	2,880	2,442	11.70	28,571
1992	7,900	6,600	330	2,178	1,853	7.80	14,453
1993	8,200	7,900	420	3,318	3,102	8.75	27,143
State Total							
1984	9,100	8,800	407	3,580	3,162	8.02	25,351
1985	8,700	8,200	350	2,878	2,630	7.51	19,749
1986	9,600	9,000	335	3,015	2,738	11.75	32,168
1987	9,400	8,800	394	3,464	3,139	10.32	32,381
1988	9,400	8,900	342	3,040	2,794	12.90	36,043
1989	9,400	8,900	336	2,992	2,735	12.08	33,039
1990	9,800	9,200	430	3,960	3,305	8.21	27,150
1991	8,900	8,700	391	3,405	2,967	12.21	36,236
1992	9,400	8,000	351	2,808	2,483	8.07	20,029
1993	9,800	9,400	407	3,828	3,612	9.03	32,600

1/ Excludes quantities lost from shrinkage and waste.

Table 22. CABBAGE FOR FRESH MARKET: Upstate New York Production and Stocks, 1984-1993

Crop Year	Harvested production	November 15 stocks		January 1 stocks	
		Amount on hand	Percent of production	Amount on hand	Percent of production
	1,000 cwt.	1,000 cwt.	Percent	1,000 cwt.	Percent
1984	3,212	1,740	54	1,420	44
1985	2,553	1,220	48	1,330	52
1986	2,520	1,280	51	928	37
1987	2,952	1,340	45	1,164	39
1988	2,590	1,160	45	1,170	45
1989	2,448	1,540	63	1,040	42
1990	3,330	1,890	57	1,760	53
1991	2,880	1,340	47	1,060	37
1992	2,178	762	35	1,010	46
1993	3,318	1/	1/	1,250	38

1/ Discontinued November 1993.

Table 23. ONIONS FOR FRESH MARKET: Acres, Yield, Production, Sales, and Value, 1984-1993

Crop Year	Planted	Harvested	Yield per acre	Production	Sales 1/	Mktg. year wtd. average price	Value of sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars
1984	14,400	14,100	240	3,384	2,876	10.70	30,696
1985	13,500	13,200	300	3,960	3,469	11.30	39,201
1986	13,500	13,000	290	3,770	3,090	18.30	56,536
1987	12,900	11,600	280	3,248	2,774	19.10	52,980
1988	13,200	11,700	250	2,925	2,451	16.50	40,505
1989	13,200	11,200	260	2,912	2,533	14.50	36,770
1990	12,900	12,200	380	4,636	3,565	13.90	49,421
1991	12,300	11,800	300	3,540	3,263	17.60	57,282
1992	12,800	12,200	360	4,392	3,628	17.10	61,990
1993	12,500	12,000	310	3,720	3,497	21.40	74,834

1/ Excludes quantities lost from shrinkage and waste.

Table 24. ONIONS: Acres, Yield and Production, by Area, 1984-1993

Year	Orange County	Orleans-Genesee 1/	Oswego County	Madison	Steuben-Yates-Ontario	Wayne & Other	State
HARVESTED ACRES							
1984	7,500	2,900	1,200	1,000	950	550	14,100
1985	7,400	2,800	1,250	750	600	400	13,200
1986	7,200	2,600	1,350	800	650	400	13,000
1987	5,600	2,750	1,500	700	600	450	11,600
1988	5,300	2,900	1,500	800	700	500	11,700
1989	6,000	1,500	1,800	650	800	450	11,200
1990	6,000	2,450	2,000	450	900	400	12,200
1991	5,400	2,700	1,900	550	850	400	11,800
1992	5,500	2,500	2,000	800	1,100	300	12,200
1993	5,200	2,700	1,900	600	1,200	400	12,000
YIELD PER ACRE - CWT.							
1984	220	240	340	200	300	264	240
1985	315	230	395	230	350	270	300
1986	310	275	290	205	280	213	290
1987	310	250	305	205	230	189	280
1988	250	240	320	180	240	224	250
1989	250	210	280	280	360	273	260
1990	390	380	380	280	400	300	380
1991	310	225	380	200	350	320	300
1992	380	390	330	230	360	290	360
1993	300	300	360	250	350	240	310
PRODUCTION - 1,000 CWT.							
1984	1,650	696	408	200	285	145	3,384
1985	2,331	644	494	173	210	108	3,960
1986	2,232	715	392	164	182	85	3,770
1987	1,736	688	458	144	138	84	3,248
1988	1,325	696	480	144	168	112	2,925
1989	1,500	315	504	182	288	123	2,912
1990	2,340	930	760	126	360	120	4,636
1991	1,674	608	722	110	298	128	3,540
1992	2,090	975	660	184	396	87	4,392
1993	1,560	810	684	150	420	96	3,720

1/ Includes small acreages in Livingston and Niagara Counties.

Table 25. VEGETABLES FOR PROCESSING: Acres, Yield, Production, and Value, 1984-1993

Crop and Year	Planted	Harvested	Yield per acre	Production	Mktg. year wtd. average price	Value
	Acres	Acres	Tons	Tons	Dollars per ton	1,000 dollars
BEETS						
1984	3,000	2,100	16.03	33,660	46.90	1,579
1985	2,400	2,300	15.94	36,660	45.90	1,683
1986	2,400	2,000	15.15	30,300	47.60	1,442
1987	2,400	2,300	15.80	36,340	46.20	1,679
1988	1,900	1,740	18.57	32,312	48.90	1,580
1989	2,100	2,000	13.70	27,400	64.50	1,767
1990	2,300	2,200	16.67	36,674	60.50	2,219
1991	2,300	1,900	15.38	29,222	56.20	1,642
1992	2,000	1,900	15.25	28,980	61.60	1,785
1993	2,700	2,700	16.50	44,550	69.80	3,110
CABBAGE FOR KRAUT						
1984	3,200	3,200	25.00	80,000	36.30	2,904
1985	3,200	3,100	25.32	78,490	36.70	2,881
1986	2,000	2,000	27.00	54,000	35.20	1,901
1987	2,300	2,300	29.57	68,000	34.10	2,319
1988	2,100	2,100	26.67	56,000	34.70	1,943
1989	2,600	2,600	25.77	67,000	38.10	2,553
1990	2,100	2,000	27.00	54,000	40.80	2,203
1991	2,400	2,400	23.33	56,000	38.00	2,128
1992	1,500	1,400	25.00	35,000	39.00	1,365
1993	2,100	2,000	35.50	73,000	49.00	3,577
GREEN PEAS						
1984	9,600	9,200	1.64	15,090	301.00	4,542
1985	12,100	12,000	2.34	28,080	305.00	8,564
1986	9,100	8,700	1.85	16,100	281.00	4,524
1987	10,200	9,900	1.64	16,240	261.00	4,239
1988	9,800	9,700	1.20	11,640	290.00	3,376
1989	11,500	10,600	1.60	16,960	285.00	4,834
1990	10,500	10,000	1.76	17,600	292.00	5,139
1991	11,500	11,300	1.30	14,690	340.00	4,995
1992	12,800	10,400	2.12	22,050	267.00	5,887
1993	13,200	11,900	1.86	22,130	251.00	5,555
GREEN BEANS						
1984	35,100	32,800	2.52	82,660	181.00	14,961
1985	35,000	33,400	2.73	91,180	184.00	16,777
1986	26,500	25,800	2.34	60,370	170.00	10,263
1987	29,400	28,600	2.47	70,640	165.00	11,656
1988	29,500	28,000	1.89	52,920	161.00	8,520
1989	26,400	25,200	2.76	69,550	188.00	13,075
1990	24,400	22,600	3.10	70,060	184.00	12,891
1991	23,800	23,400	3.15	73,710	190.00	14,005
1992	18,700	17,600	2.45	43,120	178.00	7,675
1993	18,300	16,900	3.20	54,080	199.00	10,762
SWEET CORN						
1984	29,300	28,300	5.58	157,910	62.40	9,854
1985	31,000	29,700	4.09	121,470	63.70	7,738
1986	27,700	27,100	5.12	138,750	60.00	8,325
1987	29,700	27,900	6.92	193,070	57.00	11,005
1988	25,600	25,000	3.80	95,000	55.70	5,292
1989	28,000	27,700	4.00	110,800	60.80	6,737
1990	33,300	29,700	5.60	166,320	59.70	9,929
1991	33,200	31,100	3.80	118,180	70.20	8,296
1992	33,900	30,800	5.50	169,400	65.20	11,045
1993	33,400	30,800	6.90	212,520	76.60	16,279

1/ Not published to avoid disclosure of individual operations.



FRUIT

The value of New York's 1993 tree fruit and grape production totaled 146 million dollars, down 13 percent from the 1992 value of 168 million dollars. The value of utilized production was below the previous year for all of New York's major fruit crops except sweet cherries.

The 1993 **APPLE** crop in New York was down 26 percent to 870 million pounds. Total apple production for Western New York is estimated at 550 million pounds, down 28 percent from the 760 million pounds produced in 1992. Eastern New York apple production totaled 320 million pounds, down 22 percent from the 410 million pounds produced a year earlier.

This year's value of utilized apple production, based on packinghouse door equivalent returns, totaled 110 million dollars. McIntosh was the

leading variety produced in the state, followed by Romes, Rhode Island Greenings and Red Delicious. Nationally, New York ranked third in apple production behind Washington and Michigan.

GRAPE production in New York decreased 34 percent from 1992 to 118,000 tons. Concord production, at 84,000 tons, was down 37 percent and accounted for 71 percent of the total grape production. Fresh grapes totaled 3,000 tons while 115,000 tons were crushed by wineries and processors. Grapes utilized for juice accounted for 64 percent of the total grapes processed with the remaining 36 percent going for wine.

The value of the 1993 grape crop was estimated at 26.5 million dollars, 1 percent below the 1992 crop value. New York ranked third

in grape production behind California and Washington.

New York's **TART CHERRY** crop was estimated at 15.7 million pounds, down 49 percent from the 1992 crop of 31.0 million pounds. The value of utilized production was estimated at 1.56 million dollars. New York ranked second nationally in tart cherry production behind Michigan.

SWEET CHERRY production, at 700 tons, was down 36 percent from the 1,100 tons produced in 1992. The 1993 crop is valued at 595 thousand dollars compared to 498 thousand dollars a year ago. New York ranks ninth nationally in sweet cherry production.

PEACH production for the Empire State was placed at 9.0 million pounds, down 36 percent from the 14.0 million pounds produced last year. The value of the 1993 crop, at 2.67 million dollars, was down 26 percent from 1992.

Production of **PEARS** in New York was estimated at 16,000 tons, down 14 percent from the 1992 output of 18,500 tons. The 1993 crop is valued at 4.02 million dollars, down 25 percent from 1992. New York ranks fourth nationally in pear production.

Cultivated **BLUEBERRY** production for 1993, at 850 thousand pounds, was up six percent from the 1992 crop of 800 thousand pounds. The value of utilized production was estimated at 833 thousand dollars. New York ranks tenth nationally in blueberry production.

Table 26. FRUIT: Production and Value of Major Fruits, 1984-1993 1/

Year	Utilized Production	Value
	Tons	1,000 dollars
1984	738,850	163,978
1985 2/	717,750	114,510
1986	646,550	137,796
1987	652,850	131,058
1988	648,170	151,925
1989	666,880	153,669
1990	667,800	179,735
1991	752,200	201,963
1992	791,145	168,401
1993	581,725	145,798

1/ Includes apples, grapes, tart and sweet cherries, peaches and pears. For 1992 and 1993, also includes blueberries.

2/ Beginning in 1985 the total value reflects the packinghouse door equivalent returns for apples.

Table 27. APPLES: Bearing Acres, Production, and Value, 1984-1993

Crop Year	Acres of bearing age	Production				Value	
		Eastern	Western	Total	Utilized production 1/	Mkting. year wtd. average price	Value of utilized production
	Thousands	Million pounds			Million lbs.	Cents per lb.	1,000 dollars
1984	62.8	305	715	1,020	1,020	11.20	114,027
1985	63.8	310	780	1,090	1,079	2/7.00	2/75,085
1986	63.0	300	600	900	900	10.10	91,260
1987	62.0	270	610	880	880	9.20	80,560
1988	61.0	340	570	910	910	10.80	98,325
1989	62.0	280	680	960	960	10.40	99,960
1990	54.0	350	640	990	990	12.90	127,810
1991	51.0	330	720	1,050	1,050	12.70	132,930
1992	52.0	410	760	1,170	1,170	9.90	116,090
1993	52.5	320	550	870	870	12.60	109,620

1/ Excludes the following quantities not harvested for economic reasons: (million pounds) 1985 - 11.

2/ Beginning in 1985 price and value are packinghouse door equivalent returns.

Table 28. APPLES: Utilization and Price, 1984-1993

Crop Year	Fresh Use		Processed			
	Quantity	Mkting. year wtd. average price	Total	Mkting. year wtd. average price	Canned	Mkting. year wtd. average price
	Million lbs.	Cents per lb.	Million lbs.	Dollars per ton	Million lbs.	Dollars per ton
1984	401	20.1	619	107	213	132
1985	379	11.5	700	89	280	110
1986	360	16.5	540	118	275	130
1987	380	13.7	500	114	265	126
1988	405	15.3	505	143	290	160
1989	40	14.8	520	133	294	142
1990	520	17.8	470	150	256	160
1991	420	20.1	630	153	283	168
1992	520	14.2	650	129	310	146
1993	Available July 8, 1994					

Crop Year	Processed					
	Juice and Cider	Mkting. year wtd. average price	Frozen	Mkting. year wtd. average price	Other 1/	Mkting. year wtd. average price
	Million lbs.	\$ per ton	Million lbs.	\$ per ton	Million lbs.	\$ per ton
1984	310	84	56	126	40	212
1985	359	66	26	126	35	122
1986	230	102	25	126	10	132
1987	170	90	40	128	25	130
1988	135	98	50	164	30	154
1989	124	90	70	164	32	156
1990	135	114	58	184	21	158
1991	270	134	54	162	23	170
1992	250	98	62	160	28	146
1993	Available July 8, 1994					

1/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.

Table 29. APPLES: Total Production, by Variety, 1984-1993

Variety	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
<u>Million pounds</u>										
Cortland	82	78	57	60	66	70	65	80	80	60
Crispin (Mutsu)	1/	15	12	15	15	20	15	20	15	10
Delicious	127	162	100	87	123	95	110	120	140	85
Empire	1/	36	29	40	42	50	55	55	65	65
Golden Delicious	46	64	51	45	52	45	55	50	55	40
Idared	61	87	68	66	71	75	85	80	90	75
McIntosh	266	239	200	203	152	195	190	240	280	175
Monroe	10	15	13	18	9	8	10	10	15	10
Northern Spy	20	23	21	17	16	17	15	20	20	25
R.I. Greening	122	113	114	99	109	135	95	125	135	110
Rome	133	131	123	123	133	110	155	130	145	110
Twenty Ounce	36	35	32	33	38	50	45	40	40	40
Other	117	92	80	74	84	90	95	80	90	65
All Varieties	1,020	1,090	900	880	910	960	990	1,050	1,170	870
<u>Thousand 42 pound equivalents</u>										
All Varieties	24,285	25,952	21,429	20,952	21,667	22,857	23,571	25,000	27,857	20,714

1/ Included in "Other".

Table 30. APPLES: Receipts and Utilization at New York Processing Plants and Cider Mills, 1984-1993

Crop Year	Total received 1/	Receipts from other states 2/	Used for canning or applesauce	Used for juice and cider	Used for freezing	Other products 3/	Cider and juice made 4/
<u>Million pounds</u>							<u>Thous. gal.</u>
1984	568.7	16.5	192.6	305.2	32.6	38.2	26,771
1985	678.9	17.1	268.3	351.0	25.9	33.8	31,080
1986	535.8	43.0	264.1	240.9	24.1	6.7	21,864
1987	513.9	53.2	262.6	183.2	42.0	24.5	16,967
1988	511.0	60.6	288.4	147.4	41.0	32.6	13,215
1989	445.6	32.1	232.5	121.0	60.4	31.5	10,965
1990	436.7	55.9	220.2	144.2	51.6	20.7	13,864
1991	645.7	86.0	274.2	294.5	53.4	23.6	26,298
1992	634.3	54.0	297.1	246.4	62.4	28.4	24,640
1993	Available July 8, 1994						

1/ Excludes New York grown apples processed in other states. 2/ Included in preceding column. 3/ Jelly, apple butter, mincemeat, fresh sliced apples for pies, dried apples, and vinegar. 4/ Unconcentrated.

Table 31. APPLES: Processing Plants in Operation and Establishments Making Specified Products, 1984-1993

Crop Year	Plants in operation	Plants Making		
		Juice and Cider	Canned apple products 1/	Frozen apple products
1984	136	130	5	4
1985	127	121	5	5
1986	108	101	7	4
1987	94	88	7	4
1988	93	83	7	4
1989	84	78	5	3
1990	73	67	5	4
1991	75	68	5	5
1992	77	71	5	4
1993	Available July 8, 1994			

1/ Includes canned apple slices, baby food, etc.

Table 32. APPLES: Holdings in Cold Storage, End-of-Month, 1984-1993 1/

Month	Total Holdings									
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Thousand bushels										
EASTERN NEW YORK										
September	1,129	1,693	2,289	2,321	1,970	1,994	2,286	2,772	1,523	1,364
October	4,663	4,699	4,019	3,774	3,962	3,225	4,502	4,274	4,623	4,222
November	4,507	4,218	3,987	3,724	4,211	2,988	4,049	3,787	4,486	3,649
December	3,581	3,771	2,994	3,171	3,831	2,584	3,331	3,269	3,843	3,036
January	3,334	2,910	2,637	2,555	3,271	2,176	2,987	2,653	3,376	2,546
February	2,357	2,421	1,784	1,929	2,548	1,661	2,151	1,979	2,705	1,953
March	1,694	1,622	1,103	1,260	1,838	1,306	1,484	1,329	1,806	1,405
April	1,051	1,011	709	705	924	833	696	646	1,181	877
WESTERN NEW YORK										
September	546	802	1,178	1,778	1,200	960	1,283	2,190	1,154	922
October	3,859	4,662	4,222	3,924	3,713	3,172	4,070	4,448	4,492	4,099
November	4,139	4,716	4,111	3,940	4,209	3,752	3,825	4,134	4,713	3,771
December	3,239	4,492	3,102	3,623	3,595	3,392	3,208	3,641	4,327	3,427
January	2,049	3,203	2,488	2,691	2,831	2,662	2,563	2,782	3,764	2,819
February	1,245	2,266	1,800	2,030	2,148	2,092	1,870	2,072	3,032	2,261
March	796	1,293	1,112	1,326	1,514	1,418	1,253	1,360	2,053	1,533
April	478	775	544	1,008	992	924	754	834	1,481	1,133
TOTAL NEW YORK										
August	2	29	23	8	43	52	117	66	2/	2/
September	1,675	2,495	3,467	4,099	3,170	2,954	3,569	4,962	2,677	2,286
October	8,522	9,361	8,241	7,698	7,675	6,397	8,572	8,722	9,115	8,321
November	8,646	8,934	8,098	7,664	8,420	6,740	7,874	7,921	9,199	7,420
December	6,820	8,263	6,096	6,794	7,426	5,976	6,539	6,910	8,170	6,463
January	5,383	6,113	5,125	5,246	6,102	4,838	5,550	5,435	7,140	5,365
February	3,602	4,687	3,584	3,959	4,696	3,753	4,021	4,051	5,737	4,214
March	2,490	2,915	2,215	2,586	3,352	2,724	2,737	2,689	3,859	2,938
April	1,529	1,786	1,253	1,713	1,916	1,757	1,450	1,480	2,662	2,010
May	637	786	372	828	965	798	625	605	1,468	1,116
June	126	242	80	433	360	303	240	161	535	
July	38	68	15	274	129	158	106	61	252	
Month	Controlled Atmosphere Storage									
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Thousand bushels										
EASTERN NEW YORK										
September	816	1,270	1,269	1,449	1,266	1,315	1,441	1,825	782	909
October	3,261	3,168	2,632	2,573	2,455	2,348	3,265	3,007	3,439	3,338
November	3,228	3,042	2,856	3,122	3,363	2,407	3,228	3,136	3,451	3,138
December	3,118	3,065	2,651	2,857	3,327	2,293	3,018	2,954	3,320	2,774
January	3,015	2,596	2,481	2,423	3,087	2,061	2,782	2,544	3,154	2,406
February	2,111	2,196	1,757	1,889	2,488	1,627	2,050	1,969	2,592	1,917
March	1,526	1,493	1,088	1,237	1,808	1,303	1,436	1,310	1,764	1,396
April	952	903	705	687	912	830	672	642	1,146	875
WESTERN NEW YORK										
September	130	239	274	475	365	272	324	778	396	347
October	1,213	1,352	1,308	1,760	1,500	1,350	1,642	1,896	2,218	2,367
November	1,380	1,455	1,447	1,871	1,790	1,655	1,763	1,935	2,305	2,338
December	1,290	1,521	1,355	1,896	1,781	1,683	1,770	2,087	2,473	2,333
January	1,348	1,482	1,212	1,756	1,708	1,649	1,683	1,794	2,425	2,136
February	1,058	1,376	1,046	1,485	1,481	1,494	1,358	1,495	2,192	1,848
March	734	1,019	825	1,132	1,295	1,201	968	1,060	1,704	1,324
April	447	688	468	889	923	856	655	659	1,362	1,014
TOTAL NEW YORK										
September	946	1,509	1,543	1,924	1,631	1,587	1,765	2,603	1,178	1,256
October	4,474	4,520	3,940	4,333	3,955	3,698	4,907	4,903	5,657	5,705
November	4,608	4,497	4,303	4,993	5,153	4,062	4,991	5,071	5,756	5,476
December	4,488	4,586	4,006	4,753	5,108	3,976	4,788	5,041	5,793	5,107
January	4,363	4,078	3,692	4,179	4,795	3,710	4,465	4,338	5,579	4,542
February	3,169	3,572	2,803	3,374	3,969	3,121	3,408	3,464	4,784	3,765
March	2,260	2,512	1,913	2,369	3,103	2,504	2,404	2,370	3,468	2,720
April	1,399	1,591	1,173	1,576	1,835	1,686	1,327	1,301	2,508	1,889

1/ Crop harvested in year designated. 2/ Not published to avoid disclosure of individual operations.

Table 33. TART CHERRIES: Bearing Acres, Production, Utilization, and Value, 1984-1993

Crop Year	Acres of bearing age	Production				Utilization			
		Total	Utilized 1/	Mktng. year wtd. average price	Value of utilized production	Fresh Use		Processed	
						Quantity	Mktng. year wtd. average price	Total	Mktng. year wtd. average price
	Thousands	Million lbs.		Cents per lb.	1,000 dol.	Million lbs.	Cents per lb.	Mil. lbs.	Cents per lb.
1984	4.7	26.0	25.3	22.2	5,625	0.3	33.3	25.0	22.1
1985	4.8	22.5	22.5	25.6	5,764	0.5	44.0	22.0	25.2
1986	5.1	13.0	12.3	23.0	2,835	0.2	50.0	12.1	22.6
1987	5.3	35.0	24.4	9.5	2,318	2.0	42.0	22.4	6.6
1988	5.2	22.0	21.5	22.5	4,835	0.3	43.0	21.2	22.2
1989	5.0	31.0	22.5	15.1	3,396	0.5	50.0	22.0	14.3
1990	4.7	16.5	13.3	20.8	2,765	0.3	55.0	13.0	20.0
1991	4.0	25.5	25.5	45.0	11,480	0.2	60.0	25.3	44.9
1992	4.0	31.0	22.1	18.2	4,015	0.1	55.0	22.0	18.0
1993	4.0	15.7	15.2	10.3	1,561	0.1	51.0	15.1	10.0

1/ Excludes mature fruit not harvested.

Table 34. SWEET CHERRIES: Bearing Acres, Production, and Value, 1984-1993

Crop Year	Acres of bearing age	Production		Mkt. year wtd. avg. price	Value of utilized production
		Total	Utilized 1/		
	Thous.	Tons		\$ per ton	1,000 dol.
1984	1.2	2,400	2,200	567	1,248
1985	1.0	1,600	1,500	670	1,005
1986	0.9	1,700	1,400	720	1,008
1987	0.85	1,500	1,250	727	909
1988	0.7	1,400	1,270	820	1,042
1989	0.65	1,350	1,180	783	924
1990	0.6	1,000	700	743	520
1991	0.5	1,250	1,200	901	1,081
1992	0.5	1,100	510	976	498
1993	0.45	700	700	850	595

1/ Excludes mature fruit not harvested.

Table 36. PEACHES: Bearing Acres, Production, and Value, 1984-1993

Crop Year	Acres of bearing age	Production		Mkt. year wtd. avg. price	Value of utilized production
		Total	Utilized 1/		
	Thous.	Million pounds		¢ per lb.	1,000 dol.
1984	2.2	11.0	11.0	27.4	3,011
1985	2.0	14.5	14.0	23.2	3,252
1986	2.0	14.0	14.0	23.6	3,308
1987	2.1	14.3	13.8	21.5	2,971
1988	2.1	14.1	13.7	27.2	3,726
1989	2.1	12.5	12.3	29.4	3,622
1990	2.1	14.0	13.7	27.6	3,781
1991	1.9	15.0	13.5	27.4	3,702
1992	1.9	14.0	13.7	26.2	3,595
1993	1.6	9.0	9.0	29.6	2,660

1/ Excludes mature fruit not harvested.

Table 35. BLUEBERRIES: Area Harvested, Production, and Value, 1992-1993

Crop Year	Area harvested	Production		Mkt. year wtd. avg. price	Value of utilized production
		Total	Utilized		
	Acres	1,000 pounds		\$ per lb.	1,000 dol.
1992	320	800	670	.88	590
1993	280	850	850	.98	833

Table 37. PEARS: Bearing Acres, Production, and Value, 1984-1993

Crop Year	Acres of bearing age	Production		Mkt. year wtd. avg. price	Value of utilized production
		Total	Utilized 1/		
	Thous.	Tons		\$ per ton	1,000 dol.
1984	2.9	20,000	20,000	228	4,568
1985	2.7	14,500	14,500	241	3,488
1986	2.8	19,000	18,000	210	3,773
1987	2.9	15,000	14,500	259	3,758
1988	2.8	17,300	17,300	235	4,061
1989	2.8	16,500	16,300	223	3,631
1990	2.3	14,600	14,600	253	3,687
1991	2.3	14,500	14,500	275	3,981
1992	2.4	18,500	17,400	308	5,357
1993	2.4	16,000	15,500	259	4,019

1/ Excludes mature fruit not harvested.

Table 38. GRAPES: Bearing Acres, Production, Utilization, and Value, 1984-1993

Crop Year	Acres of bearing age	Production					Utilization	
		Total all varieties	Total Concord production	Utilized all varieties 1/	Mkting. year wtd. average price	Value of utilized production	Fresh Use	
							Quantity	Mkting. year wtd. average price
	Thousands	Tons	Tons	Tons	Dollars per ton	1,000 dollars	Tons	Dollars per ton
1984	39.0	198,000	139,000	188,500	188	35,499	4,500	406
1985	37.0	144,000	109,000	144,000	180	25,916	4,000	424
1986	35.8	164,000	111,000	164,000	217	35,612	4,400	440
1987	36.0	178,000	126,000	178,000	228	40,542	4,500	450
1988	35.8	157,000	111,000	157,000	254	39,936	4,900	452
1989	35.5	152,000	105,000	152,000	277	42,136	4,000	470
1990	33.0	144,000	99,000	144,000	286	41,172	3,000	470
1991	32.5	192,000	136,000	192,000	254	48,789	3,000	450
1992	33.0	180,000	134,000	170,000	225	38,256	2,000	480
1993	32.5	118,000	84,000	118,000	225	26,510	3,000	480

Crop Year	Utilization					
	Processed					
	Total	Mkting. year wtd. average price	Wine	Mkting. year wtd. average price	Sweet juice and Other	Mkting. year wtd. average price
	Tons	Dollars per ton	Tons	Dollars per ton	Tons	Dollars per ton
1984	184,000	183	72,500	255	111,500	136
1985	140,000	173	48,000	182	92,000	168
1986	159,600	211	70,200	216	89,400	207
1987	173,500	222	95,400	228	78,100	214
1988	152,100	248	61,500	233	90,600	258
1989	148,000	272	56,700	270	91,300	273
1990	141,000	282	54,700	263	86,300	294
1991	189,000	251	71,000	254	118,000	249
1992	168,000	222	58,000	244	110,000	210
1993	115,000	218	41,000	236	74,000	208

1/ Excludes mature fruit not harvested.

Table 39. GRAPES: Total Grapes Processed in New York Plants, 1984-1993 1/

Crop Year	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other	
	Tons				
1984	149,654	13,303	78,958	83,999	162,957
1985	112,097	11,810	48,077	75,830	123,907
1986	126,249	15,460	67,462	74,247	141,709
1987	142,859	8,823	68,171	83,511	151,682
1988	121,169	23,378	74,801	69,746	144,547
1989	123,769	13,675	69,154	68,290	137,444
1990	116,524	14,754	62,026	69,252	131,278
1991	148,320	14,871	79,611	83,580	163,191
1992	138,038	17,615	67,393	88,260	155,653
1993	83,205	9,944	43,799	49,350	93,149

1/ Excludes New York grown grapes processed in other states.

**Table 40. GRAPES: Concord Grapes Processed in New York Plants,
1984-1993 ^{1/}**

Crop Year	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Cider	
	Tons				
1984	97,746	12,247	30,970	79,023	109,993
1985	79,829	10,841	19,494	71,176	90,670
1986	79,255	13,950	22,557	70,648	93,205
1987	97,187	8,189	24,228	81,148	105,376
1988	81,828	11,449	24,599	68,678	93,277
1989	80,233	8,895	22,615	66,513	89,128
1990	77,108	11,915	21,795	67,228	89,023
1991	98,920	10,914	28,724	81,110	109,834
1992	98,257	15,317	26,863	86,711	113,574
1993	55,719	8,642	17,154	47,207	64,361

^{1/} Excludes New York grown grapes processed in other states.

**Table 41. GRAPES: New York Grown Grapes Processed, by Variety,
1984-1993 ^{1/}**

Variety	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Tons										
American Varieties:										
Catawba	10,901	7,745	12,262	12,939	11,740	7,887	9,855	13,252	10,124	6,636
Concord	128,746	105,088	107,326	122,688	108,278	100,150	97,551	134,357	123,919	82,914
Delaware	7,170	2,655	5,562	4,722	3,879	3,237	2,741	4,051	1,937	2,407
Dutchess	1,102	497	792	587	658	571	461	550	364	223
Elvira	3,477	2,433	3,880	3,496	2,518	4,227	3,662	4,501	3,606	3,533
Niagara	9,990	5,614	9,663	10,243	8,262	11,962	9,188	9,934	9,676	9,623
French Hybrids:										
Aurora	10,652	5,978	7,794	8,189	6,359	8,538	6,754	7,963	7,204	3,121
Baco Noir	1,672	1,084	1,419	1,148	801	1,202	1,141	1,695	1,449	824
Cayuga White	2/	2/	2/	784	1,124	1,311	895	1,107	1,143	313
DeChaunac	2,478	2,839	2,911	2,664	1,949	2,484	2,010	2,611	1,385	1,363
Rougeon	810	559	692	788	800	586	783	1,046	587	411
Seyval Blanc	1,031	1,226	1,514	1,278	1,259	1,185	1,311	1,361	1,215	575
Vitis Vinifera, All	1,412	1,364	1,960	1,637	1,863	1,946	2,064	2,919	2,422	1,115
Other Varieties 3/	4,559	2,918	3,825	2,337	2,610	2,714	2,584	3,653	2,969	1,939
TOTAL	184,000	140,000	159,600	173,500	152,100	148,000	141,000	189,000	168,000	115,000

^{1/} Includes New York grown grapes received at out-of-state plants.

^{2/} Not available separately, included with "Other Varieties."

^{3/} Includes other American and French Hybrid varieties not shown.

Table 42. GRAPES: New York Grown Grapes Processed, by Area of Production, 1984-1993 1/

Crop Year	Chautauqua-Erie 2/	Niagara County	Finger Lakes 3/	Other 4/	State Total
<u>Tons</u>					
1984	115,247	6,574	58,038	4,141	184,000
1985	94,438	4,230	38,240	3,092	140,000
1986	98,827	5,346	51,141	4,286	159,600
1987	112,529	6,200	51,685	3,086	173,500
1988	102,672	4,652	41,909	2,867	152,100
1989	90,218	4,147	50,844	2,791	148,000
1990	83,850	5,758	49,947	1,445	141,000
1991	121,884	5,753	59,465	1,898	189,000
1992	109,920	4,705	49,895	3,480	168,000
1993	73,021	5,275	34,496	2,208	115,000

1/ Includes New York grown grapes received at out-of-state plants.

2/ Includes Cattaraugus County.

3/ Includes Ontario, Seneca, Schuyler, Steuben and Yates Counties.

4/ Includes Hudson Valley, Long Island and other areas not listed.

Figure 2. RELATIVE VALUE OF NEW YORK FRUIT CROPS, 1993

(Million Dollars)

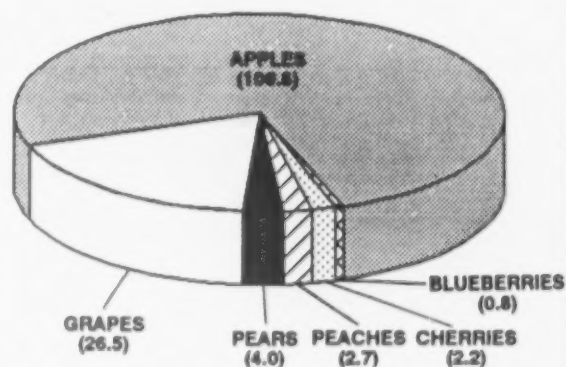


Table 43. FRUIT: Yield Per Acre of Bearing Age, 1984-1993 1/

Fruit	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
<u>Pounds</u>										
Apples	16,200	17,100	14,300	14,200	14,900	15,500	18,300	20,600	22,500	16,600
Sweet Cherries	4,000	3,200	3,780	3,520	4,000	4,160	3,340	5,000	4,400	3,120
Tart Cherries	5,530	4,690	2,550	6,600	4,230	6,200	3,510	6,380	7,750	3,930
Peaches	5,000	7,250	7,000	6,810	6,710	5,950	6,670	7,890	7,370	5,630
Pears	13,800	10,740	13,580	10,340	12,360	11,780	12,680	12,600	15,420	13,340
Grapes	10,160	7,780	9,160	9,880	8,780	8,560	8,720	11,820	10,900	7,260
Blueberries 2/									2,090	3,040

1/ Includes unharvested production and fruit harvested but not sold due to marketing conditions.

2/ Estimates began 1992.

FLORICULTURE

New York floriculture production in 1993 ranked sixth in the Nation with a wholesale value of 144 million dollars. This information was obtained from the annual survey of commercial floriculture producers in the 36 major producing states. A commercial producer is defined as one who grows and sells \$10,000 or more in gross annual sales of cut flowers, flowering and foliage plants, bedding plants or cultivated florists greens. Detailed information was requested only from producers having \$100,000 or more in sales. Information on total grower numbers, greenhouse area, other covered area and open ground was provided by all commercial growers with \$10,000 or more in sales. Wholesale value of sales for growers with sales under \$100,000 was estimated by multiplying the number of growers in each size group by the mid-point value of each range.

All major plant categories except bedding and garden plants decreased in wholesale value from a year earlier.

Flowering bedding plants, led all categories in New York during 1993 with a wholesale value of 33.0 million dollars and were grown on 8.51 million square feet of production area. Other potted florist's plants, not specified by variety, were second with 26.1 million dollars grown on 1.47 million square feet. Following in

order of their wholesale value; flowering hanging baskets were third with 10.9 million dollars, potted geraniums ranked forth with 10.5 million dollars grown on 2.66 million square feet, just slightly ahead of potted poinsettias which were fifth with 9.50 million dollars and grown on 3.47 million square feet.

Table 44: FLORICULTURE: Growers and Growing Area, 1989-1993 1/

	1989	1990	1991	1992	1993
Commercial Growers (Number)	580	589	546	644	578
<u>Growing Area:</u>					
Open Ground (Acres)	454	269	278	467	379
<u>Cover:</u>					
Total Greenhouse (1,000 sq.ft.)	117,082	17,409	17,143	18,600	19,104
Shade & Temporary (1,000 sq.ft.)	809	197	188	276	313
Total Covered Area (1,000 sq.ft.)	17,891	17,606	17,331	18,876	19,417
Value of Sales (\$1,000)	124,926	208,648	230,510	250,094	143,994

1/ Includes growers with sales of \$10,000 or more.

Table 45. FLORICULTURE: Value of Sales by Plant Category, 1989-1993

Plant Category	1993 Rank	Value of sales 1/				
		1989	1990	1991	1992	1993
Thousand dollars						
Cut Flowers	5	20,848	14,832	14,854	14,491	14,240
Potted Flowering Plants	5	35,458	2/117,781	141,909	148,018	45,807
Potted Foliage	9	2,639	1,007	2,594	1,775	1,859
Foliage Hanging Baskets	10	2,860	2,399	1,873	1,998	1,399
Bedding/Garden Plants, Flats	6	33,150	23,993	22,788	29,505	31,581
Bedding/Garden Plants, Potted	3	22,186	24,020	21,532	27,063	22,072
Flowering Hanging Baskets	3	7,784	7,166	6,500	7,450	10,896
Total of Reported Crops 3/	6	124,926	189,735	212,050	230,309	127,854
Grower Sales \$10,000-\$99,999 (Unspecified crops)		-	20,913	18,460	19,785	16,140
TOTAL COMMERCIAL SALES	6	124,926	208,648	230,510	250,094	143,994

1/ Equivalent wholesale value of all crops except potted foliage plants. Potted foliage is net value of sales. Beginning in 1990, detailed data by plant category and the total of reported crops is for growers with sales of \$100,000 or more. The aggregate sales of unspecified crops by growers with sales of \$10,000 to \$99,999 are shown separately for 1990-1993.

2/ Includes an expanded list of crops beginning in 1990.

3/ Includes cut cultivated greens.

Table 46. FLORICULTURE: Production, Sales, and Value, by Type of Plant, 1989-1993 1/

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 2/ (Thousands)
	Number	Sq. ft.	Blooms	Dollars
CUT FLOWERS				
<u>Carnations - Standard</u>				
1989	19	25	450	144
1990	5	5	109	36
1991	3	3	60	21
1992	5	7	94	35
1993 3/				
<u>Carnations - Miniature</u>				
1989	17	17	63	201
1990	6	6	17	55
1991	3	3	10	35
1992	5	5	14	43
1993 3/				
<u>Chrysanthemums - Standard</u>				
1989	44	132	817	626
1990	14	75	415	358
1991	14	76	400	309
1992	18	83	705	308
1993	14	63	353	269
<u>Chrysanthemums - Pompon</u>				
			<u>Bunches</u>	
1989	48	108	229	545
1990	15	32	45	105
1991	13	25	56	104
1992	21	96	125	211
1993	16	61	75	210
<u>Gladioli</u>				
		<u>Acres</u>	<u>Spikes</u>	
1989	21	8	252	125
1990	11	3	63	23
1991	13	5	124	52
1992	12	6	119	47
1993	12	6	120	56
<u>Roses, Hybrid Tea</u>				
			<u>Blooms</u>	
1989	26	1,361	21,395	14,442
1990	11	1,111	18,157	10,949
1991	16	1,056	17,647	10,553
1992	13	1,002	15,091	9,070
1993	13	821	13,655	8,138
<u>Roses - Sweetheart</u>				
1989	21	390	6,035	3,229
1990	9	315	4,381	2,046
1991	15	219	6,423	2,588
1992	12	171	4,040	1,814
1993	12	251	4,731	2,645

Table 46. FLORICULTURE: Production, Sales, and Value, by Type of Plant, 1989-1993 1/ (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 2/ (Thousands)
	Number	Sq. ft.	Flats	Dollars
CUT FLOWERS (Continued)				
Other Cut Flowers				
1989	59	535	N/A	1,536
1990	28	541	N/A	1,260
1991	21	439	N/A	1,192
1992	49	583	N/A	2,963
1993	34	649	N/A	2,866
POTTED FLOWERING PLANTS				
African Violets			Pots	
1989	59	320	1,462	2,279
1990	27	180	914	1,503
1991	25	318	1,491	1,724
1992	31	349	1,454	1,705
1993	24	382	1,937	1,503
Chrysanthemums (Excluding Hardy/Garden Mums)				
1989	133	1,124	2,413	5,954
1990	78	1,031	1,761	4,453
1991	70	1,163	1,527	3,506
1992	83	1,052	1,575	3,918
1993	72	867	1,228	2,625
Finished Florist Azaleas				
1989	110	1,319	2,228	7,015
1990	51	1,697	3,595	9,604
1991	44	1,670	3,255	8,420
1992	53	1,647	3,234	8,394
1993	49	1,627	1,705	3,880
Easter Lilies				
1989	158	370	586	2,376
1990	69	322	498	1,763
1991	64	329	511	1,860
1992	84	402	610	2,140
1993	79	453	519	1,900
Other Lilies				
1989	69	95	137	729
1990	38	69	101	478
1991	34	81	91	417
1992	35	68	84	361
1993	36	85	91	347
Poinsettias				
1989	263	3,226	2,538	10,390
1990	120	3,284	2,433	8,817
1991	107	3,613	2,676	8,201
1992	152	3,678	2,950	8,949
1993	136	3,473	2,896	9,501

Table 46. FLORICULTURE: Production, Sales, and Value, by Type of Plant, 1989-1993 1/ (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 2/ (Thousands)
	Number	Sq. ft.	Flats	Dollars
POTTED FLOWERING PLANTS (Continued)				
Other Potted Flowering Plants (Excluding blooming annuals)				
1989	136	812	1,737	6,715
1990	79	2,837	14,575	89,700
1991	75	2,096	20,775	117,781
1992	101	4,972	21,781	122,581
1993	90	1,466	7,284	26,051
BEDDING/GARDEN PLANTS				
Geraniums, Flats				
1989	155	588	383	4,458
1990	56	287	172	1,938
1991	51	348	200	2,102
1992	55	353	202	1,893
1993	53	286	157	1,612
Other Flowering and Foliar Type, Flats				
1989	475	5,185	3,240	22,583
1990	155	4,358	2,574	18,378
1991	137	4,175	2,475	17,622
1992	194	6,262	3,390	22,747
1993	184	6,608	3,545	25,666
Vegetable Type, Flats				
1989	410	1,120	838	6,109
1990	135	812	487	3,677
1991	122	746	428	3,064
1992	177	1,175	641	4,865
1993	160	1,087	596	4,303
Hardy/Garden Chrysanthemums, Potted				
			Pots	
1989	211	1,193	1,353	2,838
1990	106	1,750	1,725	3,154
1991	103	2,375	1,861	4,784
1992	139	2,216	2,056	4,602
1993	133	2,240	1,951	3,422
Geraniums, Potted - Cuttings				
1989	376	2,140	8,222	9,573
1990	125	1,898	6,797	9,624
1991	115	1,507	4,346	5,872
1992	180	2,045	6,723	8,168
1993	164	1,917	5,119	7,214
Geraniums, Potted - Seed				
1989	146	793	2,239	3,525
1990	54	990	5,340	5,022
1991	49	526	2,953	2,570
1992	68	772	3,040	2,981
1993	59	741	3,255	3,200

Table 46. FLORICULTURE: Production, Sales, and Value, by Type of Plant, 1989-1993 ^{1/} (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales ^{2/} (Thousands)
	Number	Sq. ft.	Pots	Dollars
BEDDING/GARDEN PLANTS (Continued)				
<u>Other Flowering and Foliar Type, Potted</u>				
1989	216	1,080	3,421	4,825
1990	102	975	3,766	5,513
1991	86	1,100	3,314	5,349
1992	129	1,750	6,045	10,607
1993	131	1,904	5,286	7,317
<u>Vegetable Type, Potted</u>				
1989	122	432	944	1,425
1990	48	166	518	707
1991	43	508	2,573	2,957
1992	63	172	628	705
1993	58	217	757	919
<u>Flowering Hanging Baskets</u>			<u>Baskets</u>	
1989	479	N/A	1,423	7,784
1990	159	N/A	1,169	7,166
1991	147	N/A	1,167	6,500
1992	222	N/A	1,328	7,450
1993	207	N/A	1,447	10,896
FOLIAGE PLANTS FOR INDOOR OR PATIO USE				
<u>Potted Foliage</u>				
1989	114	363	N/A	2,639
1990	43	213	N/A	1,007
1991	38	234	N/A	2,594
1992	53	262	N/A	1,775
1993	43	191	N/A	1,859
<u>Foliage Hanging Baskets</u>			<u>Baskets</u>	
1989	267	N/A	521	2,860
1990	87	N/A	451	2,399
1991	75	N/A	368	1,873
1992	103	N/A	391	1,998
1993	89	N/A	276	1,399

N/A - Not available.

^{1/} The 1990 -1993 cut flower, potted flowering plants and bedding plant data in this report are not comparable with earlier years. The data for these crops were collected from growers with \$100,000 or more in sales as opposed to \$10,000 or more in previous years.

^{2/} Equivalent wholesale value of all crops except potted foliage plants.
For potted foliage, value is based on net value of sales.

^{3/} Data not published to avoid disclosure of individual operations.

Table 47. MUSHROOMS: Area, Production, and Value, 1983-1993

Crop Year ^{1/}	Area in production	Production	Price per pound	Value of production
	<u>1,000 sq. ft.</u>	<u>1,000 pounds</u>	<u>Cents</u>	<u>1,000 dollars</u>
1983-84	1,202	2,340	84.9	1,986
1984-85	1,303	2,333	78.9	1,841
1985-86	969	2,119	72.1	1,528
1986-87	836	1,589	80.2	1,274
1987-88	772	1,818	72.7	1,321
1988-89	964	2,610	84.7	2,211
1989-90	590	1,527	70.7	1,079
1990-91	390	1,577	79.3	1,251
1991-92	936	4,533	88.6	4,015
1992-93	976	4,500	87.6	3,940

^{1/} July 1 to June 30.

Table 48. MAPLE SYRUP: Production and Value, 1984-1994

Crop Year	Syrup made	Average date		Gallons of sap per gallon of syrup	Average price per gallon	Value of production
		First run made	Last run made			
	<u>1,000 gals.</u>			<u>Gallons</u>	<u>Dollars</u>	<u>1,000 dols.</u>
1984	332	Mar. 1	Apr. 6	42	16.90	5,611
1985	315	Mar. 4	Apr. 5	44	17.10	5,387
1986	262	Mar. 11	Apr. 4	39	19.60	5,135
1987	225	Mar. 9	Apr. 4	40	23.30	5,243
1988	310	Mar. 8	Apr. 3	41	23.50	7,285
1989	325	Mar. 15	Apr. 10	39	23.90	7,768
1990	249	Feb. 25	Mar. 29	48	23.70	5,901
1991	308	Feb. 27	Apr. 2	48	23.30	7,176
1992	400	Mar. 5	Apr. 12	41	23.40	9,360
1993	180	Mar. 20	Apr. 9	40	18.70	3,366
1994 ^{1/}	251	Mar. 16	Apr. 11	41	22.30	5,597

^{1/} Preliminary.

DAIRY

Milk production in New York during 1992 totaled 11.4 billion pounds. This annual production figure was down one percent from the 1992 level. The annual average number of milk cows fell fractionally during the year to 748,000 head. Output per cow for the same period fell one percent to 15,274 pounds per cow.

Cash receipts from the sale of milk during 1993 totaled \$1.46 billion, down four percent from the previous year. Marketings include whole milk and producer-separated cream sold to plants and dealers as well as milk sold directly to consumers. The \$13.00 per hundredweight received for all milk sold wholesale by New York dairy farmers was down 40 cents, or three percent, from the \$13.40 received in 1992.

Dairymen in the state used 213 million pounds of milk on their farms during 1993, compared with 217 million pounds during 1992. About 73 percent of the milk used on farms was fed back to calves. The value of all milk produced including milk fed back to calves totaled \$1.49 billion, down four percent from 1992.

Total cheese production in New York, excluding cottage cheese, totaled 538 million pounds in 1993. This total was up two percent from the 530 million pounds produced in

1992, and nine percent above the 495 million pounds produced in 1991.

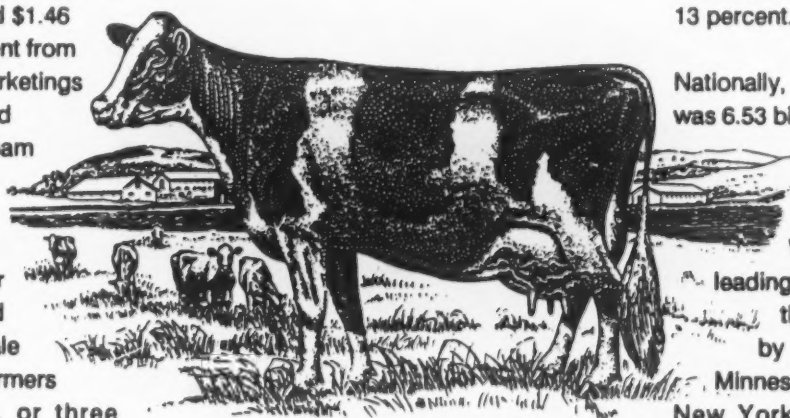
Italian cheese, which accounted for 51 percent of the state's total cheese output, declined less than one percent in 1993 from the previous year's 273 million pounds. Compared with 1992, New York's 1993 production of

cheese categories. Statewide yogurt production totaled 207 million pounds in 1993, second only to California.

New York production of major frozen dairy products was down 10 percent from the 1992 total. Ice cream fell one percent, while ice milk dropped 38 percent and milk sherbet declined 15 percent. Production of water ices moved up 13 percent.

Nationally, total cheese output was 6.53 billion pounds, excluding cottage cheese. This total was up one percent from a year earlier. Wisconsin remained the leading state with 31 percent of the total output, followed by California (13 percent), Minnesota (10 percent) and New York (8 percent). Italian varieties declined one percent from 1992's record 2.51 billion pounds. American-type cheese production, 45 percent of all cheese, increased one percent while butter output decreased four percent.

The category of frozen dairy products showed mostly production increases in 1993. Ice cream production totaled 866 million gallons, up slightly from 1992. Ice milk, at 325 million gallons, was down one percent. Milk sherbet, at 50.8 million gallons, was up two percent. Frozen yogurt production, at 150 million gallons, was up 12 percent.



Mozzarella was up four percent. Butter production fell six percent to 25 million pounds, giving New York a 7th place ranking among the producing states. Cheddar cheese output was fractionally lower at 100 million pounds. Production of cream cheese, up nine percent to 135 million pounds, reached a new record high. Lowfat cottage cheese dropped 12 percent to 76 million pounds. Cottage cheese curd fell five percent from 1992, while creamed cottage cheese also declined five percent. New York still leads the nation in all three cottage

Table 49. MILK: Cows and Production, by Months, 1984 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MILK COWS ON FARMS 1/ (Thousands)												
1984	920	908	905	896	893	892	895	898	906	909	913	913
1985	905	906	907	902	907	907	912	918	924	928	928	927
1986 2/	923	920	918	917	911	904	895	876	876	867	864	856
1987	852	846	835	830	822	813	814	810	810	811	806	815
1988	816	812	806	798	796	784	788	787	792	782	779	782
1989	780	778	775	774	765	768	768	779	777	777	781	790
1990	782	774	769	766	761	758	755	765	771	767	776	775
1991	768	768	765	755	751	749	746	753	755	755	756	755
1992	750	745	749	743	740	745	747	750	755	753	753	755
1993	747	748	748	748	744	743	744	751	749	750	753	751
1994	750	744	742	739								
MILK PRODUCTION PER COW (Pounds)												
1984	1,070	1,030	1,125	1,115	1,165	1,120	1,065	1,015	985	1,000	955	1,020
1985	1,055	960	1,110	1,105	1,175	1,135	1,095	1,060	1,020	1,050	1,005	1,065
1986 2/	1,090	1,000	1,150	1,135	1,205	1,140	1,105	1,085	1,045	1,050	1,010	1,085
1987	1,110	1,030	1,195	1,195	1,285	1,235	1,180	1,175	1,120	1,130	1,100	1,165
1988	1,185	1,130	1,250	1,230	1,285	1,275	1,225	1,175	1,145	1,170	1,135	1,215
1989	1,245	1,145	1,300	1,275	1,315	1,220	1,180	1,135	1,105	1,130	1,085	1,135
1990	1,185	1,105	1,260	1,240	1,300	1,260	1,240	1,190	1,150	1,165	1,120	1,195
1991	1,230	1,120	1,270	1,270	1,330	1,260	1,240	1,220	1,180	1,210	1,180	1,270
1992	1,310	1,240	1,350	1,325	1,390	1,335	1,320	1,280	1,225	1,240	1,175	1,245
1993	1,290	1,165	1,315	1,305	1,385	1,345	1,320	1,260	1,225	1,230	1,180	1,255
1994	1,265	1,170	1,330	1,330								
TOTAL MILK PRODUCTION (Million Pounds)												
1984	984	935	1,018	999	1,040	999	953	911	892	909	872	931
1985	955	870	1,007	997	1,066	1,029	999	973	942	974	933	987
1986 2/	1,006	920	1,056	1,041	1,098	1,031	989	950	915	910	873	929
1987	946	871	998	992	1,056	1,004	961	952	907	916	887	949
1988	967	918	1,008	982	1,023	1,000	965	925	907	915	884	950
1989	971	891	1,008	987	1,006	937	906	884	859	878	847	897
1990	927	855	969	950	989	955	936	910	887	894	869	926
1991	945	860	972	959	999	944	925	919	891	914	892	959
1992	983	924	1,011	985	1,029	995	986	960	925	934	885	940
1993	964	871	984	976	1,030	999	982	946	918	923	889	943
1994	949	870	987	983								

1/ Excludes heifers not yet fresh.

2/ Dairy Termination Program April 1, 1986 - August 31, 1987.

Table 50. MILK: Production, Disposition, and Income, 1984-1993

Year	Milk cows 1/	Milk per cow	Total milk production	Disposition of Milk Produced				Prices received 2/	Gross income 3/	Value of milk produced 4/
				Fed to calves	Consumed as fluid milk, cream and butter	Sold wholesale	Retailed by producers			
	No. thou.	Lbs.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Dollars	Mil. dol.	Mil. dol.
1984	904	12,658	11,443	168	72	11,150	53	13.50	1,527.8	1,550.6
1985	914	12,836	11,732	169	70	11,435	58	12.80	1,486.7	1,508.4
1986	894	13,107	11,718	161	68	11,435	54	12.60	1,462.5	1,482.8
1987	822	13,916	11,439	163	64	11,170	42	12.70	1,436.9	1,457.7
1988	794	14,413	11,444	159	64	11,190	31	12.60	1,426.0	1,446.0
1989	776	14,267	11,071	156	59	10,825	31	14.20	1,554.2	1,576.4
1990	768	14,410	11,067	157	60	10,820	30	14.60	1,597.6	1,620.6
1991	756	14,787	11,179	156	59	10,935	29	12.70	1,404.6	1,424.5
1992	749	15,430	11,557	159	58	11,310	30	13.40	1,532.0	1,553.4
1993	748	15,274	11,425	155	58	11,184	28	13.00	1,469.6	1,489.8

1/ Average number on farms during the year excluding heifers not yet fresh. 2/ Prices received for all milk sold wholesale per cwt. 3/ Includes value of milk used for home consumption. 4/ Includes value of milk fed to calves.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
Pounds													
1984	13.4	13.7	13.7	13.8	13.5	13.0	12.5	12.4	12.8	13.1	13.1	13.4	13.20
1985	13.6	13.7	14.1	13.9	14.0	12.9	13.2	12.9	13.1	13.5	13.5	14.1	13.54
1986	14.3	14.2	14.3	14.4	14.4	13.6	13.4	12.9	13.3	13.4	13.9	14.3	13.87
1987	14.2	14.3	14.1	14.6	14.4	14.1	14.1	14.0	13.6	13.7	14.2	14.0	14.11
1988	14.5	14.7	14.7	14.6	15.0	14.3	13.9	13.7	13.9	13.6	13.8	14.6	14.28
1989	14.3	14.6	14.8	14.7	14.9	14.3	14.2	13.8	13.1	14.4	14.6	14.9	14.38
1990	14.5	14.8	16.0	15.6	15.4	15.0	14.8	15.3	15.1	14.8	14.8	15.1	15.10
1991	14.7	15.5	15.9	15.3	15.5	14.6	14.7	13.9	15.0	15.1	14.8	15.8	15.07
1992	15.3	15.4	16.0	15.4	15.3	15.0	14.7	14.2	14.2	14.9	15.3	15.5	15.10
1993	15.9	15.6	15.6	15.7	15.5	15.0	14.5	14.3	14.4	14.3	15.0	15.4	15.10
1994	14.9	15.0	14.8	15.7	15.3								

[illegible][illegible]

Table 54. CHEESE: Production, by Months, 1984-1993

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
TOTAL AMERICAN (Thousand pounds)													
1984	6,676	6,767	6,931	6,569	7,451	7,386	6,510	6,062	5,278	5,314	4,922	6,262	76,128
1985	7,368	6,889	6,796	7,497	8,226	7,563	7,575	7,509	5,559	5,702	5,629	6,185	82,498
1986	6,986	6,424	6,900	7,889	7,929	7,680	6,927	5,874	5,637	5,220	5,197	5,720	78,383
1987	6,457	6,515	7,478	8,169	9,237	8,496	8,200	6,529	5,891	5,961	5,668	6,949	85,550
1988	7,809	8,277	8,138	8,402	7,961	8,145	6,857	6,307	4,992	5,440	6,176	6,354	84,858
1989	7,535	7,549	8,520	7,972	8,296	7,443	6,857	6,404	5,840	5,995	5,391	5,876	83,678
1990	7,831	8,488	9,536	7,845	8,291	9,042	8,377	7,793	7,356	7,112	7,536	7,368	96,575
1991	6,715	6,467	6,782	7,850	8,202	6,754	7,756	7,143	6,460	7,521	7,139	8,209	86,998
1992	8,605	8,123	9,135	8,952	9,858	10,380	8,802	8,844	7,437	7,147	6,942	7,327	101,552
1993	7,910	7,256	8,561	9,169	9,859	9,224	8,014	8,252	7,737	7,876	7,657	8,973	100,488
TOTAL ITALIAN (Thousand pounds)													
1984	19,615	18,774	22,450	21,789	20,388	19,337	17,338	19,040	20,116	22,164	20,912	22,512	244,435
1985	20,016	19,820	23,355	22,231	22,285	20,932	20,829	20,243	20,842	23,827	21,815	23,889	260,084
1986	23,116	23,233	27,072	23,865	24,584	22,685	22,603	22,797	23,595	24,603	23,695	24,249	286,097
1987	21,856	22,133	25,699	25,358	24,753	25,059	23,341	23,595	23,989	25,118	24,008	24,876	289,785
1988	23,975	22,724	26,227	25,160	25,498	23,692	22,034	23,768	24,315	25,474	24,277	26,687	293,831
1989	25,428	23,985	27,976	23,788	26,311	23,790	21,406	22,001	20,878	22,435	22,928	22,679	283,605
1990	23,023	20,985	25,361	25,131	25,817	23,512	21,218	22,630	20,593	22,077	21,668	21,736	273,751
1991	22,382	20,583	24,473	21,595	21,453	19,488	20,073	21,278	20,478	23,380	22,325	22,703	260,211
1992	22,367	22,165	24,400	24,171	21,767	21,285	22,014	21,673	22,209	23,016	24,022	24,301	273,390
1993	21,791	20,938	25,183	23,273	22,127	21,988	22,020	21,116	22,327	23,592	24,230	23,710	272,295
TOTAL CHEESE EXCLUDING COTTAGE (Thousand pounds)													
1984	34,165	32,117	37,382	36,603	36,200	34,870	31,337	33,197	32,853	38,131	37,276	39,355	423,486
1985	33,845	33,749	39,212	37,630	38,727	36,908	36,955	34,582	36,054	41,168	39,438	40,758	449,026
1986	38,667	37,416	43,995	41,421	42,333	39,363	39,124	37,323	40,619	42,277	39,760	42,002	484,300
1987	37,013	38,012	43,630	42,558	43,744	44,561	40,818	40,836	41,182	43,327	41,426	43,889	500,996
1988	39,695	40,888	45,690	43,625	44,668	43,257	37,810	41,830	41,639	43,208	42,940	44,122	509,372
1989	43,558	41,273	48,986	41,946	45,138	41,457	38,438	39,398	38,317	40,810	39,954	40,897	500,172
1990	41,299	38,824	47,788	44,551	45,394	44,023	40,978	43,446	38,805	40,436	41,710	39,975	507,229
1991	39,569	37,104	43,295	40,063	41,114	38,592	39,107	40,380	42,586	44,865	43,679	44,591	494,945
1992	42,596	39,346	47,380	45,855	44,142	42,697	43,439	42,442	42,992	45,313	45,723	47,687	529,612
1993	40,346	40,817	48,931	46,263	43,401	43,217	43,072	42,305	44,928	49,483	48,479	46,425	537,667
CREAMED COTTAGE CHEESE (Thousand pounds)													
1984	8,745	9,029	9,706	9,637	9,492	10,440	9,678	9,359	9,108	8,272	7,845	7,070	108,381
1985	8,427	8,033	9,095	9,315	9,973	9,177	9,657	9,620	8,667	8,662	7,173	6,946	104,745
1986	8,333	8,112	8,624	9,537	9,618	9,046	8,938	9,024	7,938	8,032	7,055	6,955	101,212
1987	7,777	7,582	8,658	7,796	8,022	8,549	7,821	7,451	7,163	6,591	6,105	6,442	89,957
1988	6,710	6,970	7,710	7,266	7,327	7,328	7,129	7,486	6,662	6,214	6,133	5,500	82,435
1989	6,226	6,127	6,276	6,216	6,818	6,452	5,877	6,740	6,121	5,342	5,147	4,896	72,238
1990	5,421	5,192	5,829	5,407	5,898	5,714	5,652	5,858	5,019	5,195	5,556	5,660	66,401
1991	5,916	5,221	5,690	5,949	5,973	5,580	5,882	5,575	4,832	5,074	4,321	4,383	64,396
1992	4,587	4,535	5,161	5,345	4,455	4,954	4,900	4,965	4,567	4,528	4,160	4,219	56,376
1993	4,456	4,074	4,738	4,303	4,792	4,336	4,815	4,778	4,225	4,073	4,555	4,626	53,771
LOWFAT COTTAGE CHEESE (Thousand pounds)													
1984	3,279	3,436	3,691	3,579	4,028	4,331	3,950	4,119	3,028	3,487	2,827	2,838	42,593
1985	3,487	3,565	4,237	3,895	4,773	4,220	3,980	4,525	4,224	4,361	3,412	3,225	47,904
1986	3,952	4,614	4,228	4,686	5,439	5,344	4,958	5,064	4,570	4,694	3,924	4,126	55,599
1987	4,759	5,191	5,212	4,862	4,943	5,352	5,008	4,767	4,339	4,468	3,670	4,012	56,583
1988	4,327	4,937	6,273	5,298	5,716	5,579	5,131	5,572	5,341	4,912	4,517	3,927	61,530
1989	5,663	5,729	5,882	5,501	6,107	6,123	5,637	6,383	5,896	5,090	5,133	4,366	67,510
1990	5,322	5,524	6,302	5,852	6,220	6,302	6,048	6,048	6,032	5,779	5,535	4,492	69,456
1991	6,910	6,349	7,627	7,373	8,230	7,488	6,918	8,180	7,319	6,564	5,901	6,168	85,027
1992	7,089	6,892	9,043	8,688	8,055	7,373	7,405	7,247	6,913	6,706	5,675	5,075	86,161
1993	7,365	6,172	7,680	6,664	6,277	6,743	6,252	6,199	6,022	5,162	5,589	5,430	75,555

Table 55. CHEESE: Production, by Type, 1984-1993

Year	American Type Cheese			Italian Cheese			
	Cheddar	Other American 1/	Total American	Mozzarella	Ricotta	Other Italian 2/	Total Italian
Thousand pounds							
1984	70,646	5,482	76,128	149,433	75,835	19,167	244,435
1985	76,315	6,183	82,498	158,042	78,764	23,278	260,084
1986	74,599	3,784	78,383	178,442	85,445	22,210	286,097
1987	82,283	3,267	85,550	179,723	86,141	23,921	289,785
1988	82,129	2,729	84,858	177,428	91,380	25,023	293,831
1989	80,983	2,695	83,678	166,658	92,743	24,204	283,605
1990	94,534	2,041	96,575	154,356	95,840	23,555	273,751
1991	85,147	1,851	86,998	139,545	97,648	23,018	260,211
1992	99,869	1,683	101,552	145,753	100,188	27,449	273,390
1993	99,514	974	100,488	151,644	94,966	25,685	272,295

Year	Cream cheese	Other cheese excluding cottage 3/	Total cheese excluding cottage	Cottage Cheese		
				Creamed 4/	Lowfat 5/	Curd 6/
Thousand pounds						
1984	80,433	22,490	423,486	108,381	42,593	103,365
1985	83,142	23,302	449,026	104,745	47,904	103,898
1986	95,671	24,149	484,300	101,212	55,599	104,438
1987	99,707	25,954	500,996	89,957	56,583	96,701
1988	103,320	27,363	509,372	82,435	61,530	93,372
1989	105,041	27,848	500,172	72,238	67,510	90,365
1990	108,433	28,470	507,229	66,401	69,456	86,522
1991	117,641	30,095	494,945	64,396	85,027	91,819
1992	123,722	30,948	529,612	56,376	86,161	91,052
1993	134,855	30,029	537,667	53,771	75,555	86,638

1/ Includes Colby, washed curd, stirred curd, Monterey, and Jack.

2/ Includes Provolone, Romano, and other hard and soft types.

3/ Includes Swiss, Brick, Neufchatel, Muenster, Farmers', and other varieties of cheese.

4/ Milkfat content 4.0 percent or more.

5/ Milkfat content from 0.5 percent to 2.0 percent.

6/ Mostly used for processing into fully creamed or lowfat cottage cheese.

Cottage cheese curd, lowfat, and creamed should not be added together to obtain total production.

Table 56. CONDENSED AND DRIED MILK: Production, by Type, 1984-1993

Year	Unsweetened Condensed Milk		Dry buttermilk	Nonfat dry milk	Dry Whey		
	Whole milk	Skim milk			Human consumption	Animal feed	Total
Thousand pounds							
1984	32,017	67,271	1,547	49,446	54,842	22,661	77,503
1985	38,538	64,218	1,686	58,887	70,983	27,890	98,873
1986	38,405	62,701	1,337	52,474	77,397	16,264	93,661
1987	44,488	61,681	1/	23,105	82,786	15,990	98,776
1988	29,354	56,644	1/	12,213	93,345	16,891	110,236
1989	30,471	88,677	1/	11,547	88,363	11,105	99,468
1990	28,161	69,028	1/	16,858	89,206	8,841	98,047
1991	38,155	77,568	1/	23,189	81,651	5,051	86,702
1992	38,700	80,282	1/	28,371	89,527	6,584	96,111
1993	21,920	84,693	1/	22,059	96,938	3,116	102,054

1/ Not published to avoid disclosure of individual operations.

Table 57. DAIRY PRODUCTS: Production, by Months, 1984-1993

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BUTTER (Thousand pounds)													
1984	6,590	5,276	4,750	4,438	4,020	2,607	1,700	1,516	1,474	2,448	1,596	2,586	39,001
1985	4,741	4,299	3,967	4,589	4,615	3,000	2,617	2,241	2,042	3,827	2,445	3,501	41,884
1986	6,318	4,783	4,419	5,319	4,650	3,207	2,134	1,824	1,927	2,104	1,751	2,105	40,541
1987	3,260	2,748	2,996	3,392	3,257	1,801	1,450	1,340	1,580	1,619	1,404	1,992	26,839
1988	3,886	3,300	2,787	2,844	2,493	1,644	1,398	954	1,496	2,833	1,803	1,977	27,415
1989	3,911	3,579	4,333	3,547	2,407	1,446	1,081	994	1,100	1,318	1,022	1,273	26,011
1990	2,058	2,273	1,843	1,859	1,678	1,218	1,201	1,266	1,271	1,792	1,843	1,994	20,296
1991	2,767	2,807	2,629	2,966	2,830	1,742	1,622	1,115	1,142	1,820	1,404	2,474	25,318
1992	3,431	3,250	2,711	2,803	2,627	1,975	1,806	1,510	1,558	2,021	1,345	1,899	26,736
1993	3,322	2,525	2,302	2,361	2,258	2,191	1,622	1,712	1,458	1,670	1,537	2,145	25,103
UNSWEETENED CONDENSED SKIM MILK (Thousand pounds)													
1984	5,591	5,437	5,953	6,174	7,891	7,058	4,897	4,699	4,960	5,324	4,558	4,729	67,271
1985	5,462	4,371	6,466	5,500	6,555	6,630	5,438	6,163	4,693	4,660	4,171	4,109	64,218
1986	4,219	4,587	5,490	6,769	6,926	6,631	6,124	5,651	4,474	4,228	3,734	3,868	62,701
1987	4,686	5,412	4,859	5,031	6,436	5,329	5,399	6,113	4,963	4,543	3,788	5,122	61,681
1988	4,518	4,515	4,503	5,480	5,092	4,975	5,247	4,594	4,466	4,914	3,397	4,943	56,644
1989	6,239	8,326	9,888	10,341	10,515	8,001	6,996	5,984	5,109	6,627	5,132	5,519	88,677
1990	5,754	4,680	5,423	5,552	6,803	7,625	6,710	5,615	5,842	5,143	4,845	5,036	69,028
1991	5,714	6,117	7,069	7,338	7,345	8,029	7,362	6,958	5,990	4,602	5,646	5,398	77,568
1992	6,016	6,033	6,587	7,102	8,182	6,538	6,460	8,263	6,879	6,837	5,248	6,137	80,282
1993	8,027	6,957	6,805	7,384	9,423	9,681	8,205	8,913	5,905	4,568	4,756	4,069	84,693
TOTAL NONFAT DRY MILK (Thousand pounds)													
1984	6,914	6,214	6,107	6,423	6,680	5,510	3,968	2,146	1,001	687	689	3,107	49,446
1985	3,367	3,425	3,711	5,795	8,146	7,916	6,083	4,725	2,385	4,156	3,648	5,530	58,887
1986	6,704	4,921	5,561	7,189	8,818	7,056	4,438	2,171	1,345	836	1,013	2,422	52,474
1987	2,110	1,420	2,165	4,433	4,881	3,215	1,521	827	351	328	318	1,536	23,105
1988	1,104	692	935	1,372	1,890	2,601	1,582	169	327	327	267	947	12,213
1989	1,857	897	1,659	1,998	1,277	1,072	791	689	266	197	256	588	11,547
1990	467	757	1,324	2,237	2,275	2,248	1,821	1,350	1,043	551	557	2,228	16,858
1991	2,181	1,851	1,701	2,558	3,137	2,534	1,755	857	756	1,538	1,041	3,280	23,189
1992	4,294	4,024	3,100	2,523	3,180	2,783	3,480	1,724	402	333	335	2,193	28,371
1993	2,881	1,931	698	1,756	3,537	3,661	2,948	1,447	291	555	419	1,935	22,059
ICE CREAM (Thousand gallons)													
1984	2,991	3,073	4,649	3,686	4,386	4,814	4,659	4,783	4,011	3,532	3,017	2,865	46,466
1985	3,196	3,106	3,989	3,601	4,700	4,894	4,786	4,844	4,324	3,666	2,970	2,358	46,434
1986	3,202	3,273	3,514	3,757	4,847	4,805	4,669	5,184	4,021	4,198	3,024	2,962	47,456
1987	3,083	3,697	3,722	4,257	4,404	5,044	5,027	4,816	4,001	3,058	2,623	3,252	46,984
1988	2,862	3,031	3,626	4,010	4,184	4,932	5,120	4,368	4,051	3,623	2,985	3,064	45,856
1989	3,464	3,754	4,173	4,219	4,352	4,717	4,686	4,575	3,632	3,329	2,758	2,848	46,507
1990	3,320	3,081	3,612	3,982	4,077	4,159	4,920	3,976	3,414	3,745	2,735	2,221	43,242
1991	3,225	3,453	3,112	4,257	3,735	4,338	4,789	4,832	3,657	3,640	2,767	2,774	44,579
1992	2,868	2,958	3,217	3,978	3,553	4,092	4,190	3,869	3,646	3,556	2,617	2,855	41,399
1993	2,506	3,091	3,159	3,647	3,492	4,258	4,825	3,879	3,495	2,956	2,573	2,975	40,856
ICE MILK (Thousand gallons)													
1984	700	717	894	929	1,075	1,119	1,070	1,164	789	715	610	527	10,309
1985	418	448	599	668	756	747	851	758	582	504	433	362	7,126
1986	691	540	804	1,317	1,544	1,487	1,488	1,256	903	773	588	494	11,885
1987	755	916	1,140	1,049	1,126	1,276	1,343	1,117	823	785	748	794	11,872
1988	491	780	853	987	1,112	1,233	1,241	1,424	1,239	1,165	802	683	12,010
1989	914	648	1,082	1,144	1,227	1,421	1,233	1,142	1,391	1,202	960	885	13,249
1990	1,124	965	1,203	1,151	1,198	1,339	1,156	1,343	1,216	1,539	984	983	14,201
1991	1,202	1,276	1,435	1,929	1,407	1,690	1,877	1,852	1,150	1,002	798	704	16,322
1992	921	817	846	1,166	1,011	1,373	1,267	1,198	972	775	672	673	11,691
1993	471	472	492	558	806	693	1,071	766	655	415	505	370	7,274

Table 58. FROZEN DESSERTS AND MIXES: Production, by Type, 1984-1993

Year	Ice Cream	Ice Milk 1/	Milk Sherbet 1/	Water Ices 2/	Mixes		
					Ice Cream	Ice Milk 3/	Sherbet
Thousand gallons							
1984	46,466	10,309	2,425	2,426	25,563	5,509	1,670
1985	46,434	7,126	3,213	3,161	25,565	3,854	2,181
1986	47,456	11,885	3,485	3,765	26,209	3,968	2,431
1987	46,984	11,872	4,009	5,214	25,398	3,562	2,816
1988	45,856	12,010	1,963	3,400	24,149	3,150	1,430
1989	46,507	13,249	2,456	5,006	24,198	3,456	1,746
1990	43,242	14,201	2,905	5,010	22,159	3,589	2,035
1991	44,579	16,322	3,393	5,912	23,221	4,405	2,339
1992	41,399	11,691	3,299	5,462	22,183	2,237	2,202
1993	40,856	7,274	2,795	6,174	22,309	2,109	1,872

^{1/} Includes hard, soft-serve, and freezer-made milkshake.

^{2/} Does not include counter-freezer production.

^{3/} Includes milkshake mix.

Table 59. DAIRY: Plants Manufacturing Specified Products, 1984-1993

Year	Total Cheese				Butter	Condensed skim milk (unsweetened)	Nonfat dry milk	Ice cream (hard)	Water ices	Plants making one or more dairy products
	American	Italian	Excluding cottage	Cottage						
Number										
1984	16	23	43	14	18	12	9	74	30	171
1985	14	22	43	13	16	13	10	76	28	166
1986	13	21	39	13	15	14	9	73	39	159
1987	12	21	37	14	18	14	9	67	37	153
1988	12	18	36	13	14	10	6	59	29	130
1989	11	18	36	11	12	11	6	49	27	118
1990	11	17	34	9	10	11	6	53	22	129
1991	11	14	35	10	8	10	5	45	23	120
1992	11	13	30	10	9	10	4	45	24	113
1993	12	13	32	11	8	9	3	48	29	115

**Table 60. MILK COW OPERATIONS:
By Herd Size, 1984-1993**

Year	Number of milk cows in herd					Total
	1-29	30-49	50-99	100-199 1/	200 plus	
<u>Number of operations</u>						
1984	5,400	4,900	5,350	1,850		17,500
1985	5,000	4,550	5,100	1,850		16,500
1986	4,300	4,300	5,300	1,900		15,800
1987	3,300	4,300	5,000	1,900		14,500
1988	3,200	3,850	5,300	1,850		14,200
1989	2,700	3,400	5,400	2,000		13,500
1990	2,650	3,150	5,300	1,900		13,000
1991	2,500	2,900	5,000	1,800		12,200
1992	2,600	2,600	4,700	1,900		11,800
1993	2,600	2,600	4,600	1,500	400	11,700

1/ 100 plus category prior to 1993.

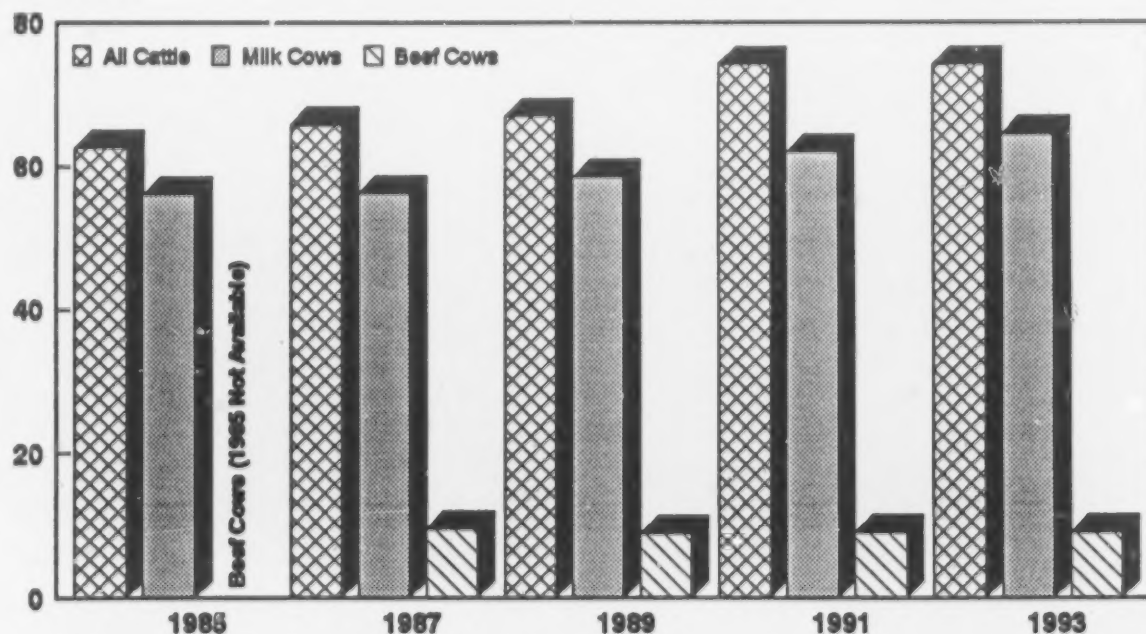
**Table 61. MILK COWS JANUARY 1:
Inventory by Herd Size, 1985-1994**

Year	Number of milk cows in herd					Total
	1-29	30-49	50-99	100-199 1/	200 plus	
<u>Thousand head</u>						
1985	56	203	369	282		910
1986	57	196	371	301		925
1987	42	168	355	290		855
1988	32	171	332	281		816
1989	30	144	335	271		780
1990	30	126	334	300		790
1991	28	120	330	297		775
1992	25	113	320	297		755
1993	28	100	310	317		755
1994	26	101	293	195	135	750

1/ 100 plus category prior to 1993.

**Figure 3. AVERAGE HERD SIZE OF ALL CATTLE,
MILK COWS, AND BEEF COWS,
NEW YORK, 1985-1993**

Number per Herd



LIVESTOCK & POULTRY

LIVESTOCK

New York livestock producers marketed 394 million pounds of meat animals during 1993, up five percent from the 1992 total of 376 million pounds. Cattle and calf marketings were up four percent from a year earlier. Sheep and lambs were up 42 percent, while hogs increased five percent from last year's sales. Meat animal cash receipts totaling \$262 million were up 16 percent from 1992.

Gross income from livestock during 1993, which includes the sale of meat animals, wool, and the value of home consumption, totaled \$270 million, up 15 percent from a year earlier. Cattle and calves accounted for 93 percent of this total, hogs and pigs six percent, and sheep and lambs one percent.

Calf prices, at \$111.00 per hundred pounds liveweight (cwt.), were up

nine percent while cattle prices, at \$48.70 per cwt., increased one percent from 1992. Gross income for cattle and calves during 1993 totaled \$252 million, up 15 percent from a year earlier.

Hog and pig prices averaged \$40.80 per cwt. in 1993, up seven percent from a year earlier. Gross income for hogs and pigs during 1993 totaled 14.6 million, up 12 percent from 1992. The increase in gross income was caused by an increase in both marketings and hog prices.

Sheep and lamb marketings, at 5.65 million pounds during 1993, increased 42 percent from 1992. However, sheep prices, at \$25.50 per cwt., were down five percent while lamb prices, at \$67.30 per cwt., increased two percent from a year ago. The increase in marketings more than offset the lower sheep prices, causing the gross income to increase 31 percent from 1992.

**Table 62. CATTLE AND CALF OPERATIONS:
by Herd Size, 1984-1993**

Year	Herd size			Total
	1-49	50-99	100 plus	
	Number of operations			
1984	19,600	6,500	4,900	31,000
1985	18,000	6,300	4,700	29,000
1986	16,500	5,900	4,600	27,000
1987	15,000	5,400	4,600	25,000
1988	13,400	5,600	5,000	24,000
1989	12,300	5,570	5,130	23,000
1990	11,500	5,150	5,350	22,000
1991	10,900	4,670	5,430	21,000
1992	10,900	4,600	5,500	21,000
1993	11,000	4,700	5,300	21,000

**Table 63. CATTLE AND CALVES JANUARY 1:
by Herd Size, 1985-1994**

Year	Herd size				Total
	1-49	50-99	100-499	500 plus	
	Thousand head				
1985	386	521	946	77	1,930
1986	345	485	902	83	1,815
1987	310	454	871	90	1,725
1988	262	418	888	77	1,645
1989	221	419	798	87	1,525
1990	200	400	832	108	1,540
1991	186	364	868	132	1,550
1992	172	335	905	148	1,560
1993	187	335	874	164	1,560
1994	177	338	855	170	1,540



Table 64. CATTLE AND CALVES: Number on Farms, January 1, Inventory Value and Value per Head, 1984-1994

Year	Cows and helpers that have calved		Helpers 500 lbs. and Over			Bulls 500 lbs. and over	Steers 500 lbs. and over	Calves less than 500 lbs.	Cattle and calves on feed	All Cattle and Calves		
	Kept for milk	Kept for beef	For milk replacement	For beef replacement	Other helpers					Number	Value per head	Total value
	Thousands									Thous.	Dol.	Thous. dol.
1984	925	95	420	29	34	26	40	411	9	1,980	535	1,059,300
1985	910	85	425	29	39	23	35	384	10	1,930	555	1,071,150
1986	925	71	388	22	36	20	33	320	10	1,815	525	952,875
1987	855	78	355	33	43	19	34	308	17	1,725	555	957,375
1988	816	87	290	25	61	18	43	305	22	1,645	660	1,085,700
1989	780	79	302	24	29	17	32	262	19	1,525	740	1,128,500
1990	790	75	319	24	37	17	25	253	18	1,540	820	1,262,800
1991	775	65	322	22	36	18	34	278	25	1,550	795	1,232,250
1992	755	70	312	25	44	19	48	287	30	1,560	795	1,240,200
1993	755	70	324	25	55	19	39	273	35	1,560	820	1,279,200
1994	750	90	315	33	32	19	31	270	25	1,540	825	1,270,500

Table 65. CATTLE AND CALVES: Production, Disposition, and Income, 1984-1993

Year	Inventory January 1	Calf crop	Inship- ments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
Thousands										Thous. dol.
1984	1,980	910	15	257	575	12	36	95	1,930	173,517
1985	1,930	910	15	257	642	10	36	95	1,815	163,057
1986	1,815	870	14	250	583	9	37	95	1,725	150,243
1987	1,725	860	14	231	590	8	38	87	1,645	179,130
1988	1,645	830	14	230	611	7	30	86	1,525	205,349
1989	1,525	830	15	219	487	6	28	90	1,540	190,919
1990	1,540	780	18	205	459	6	33	85	1,550	197,630
1991	1,550	770	14	205	446	5	33	85	1,560	215,040
1992	1,560	760	24	220	440	6	35	83	1,560	218,967
1993	1,560	765	20	227	465	5	33	75	1,540	252,040

1/ Value of marketings and home consumption.

Table 66. PASTURE: Condition on First of Month, 1984-199380 and over, Good to Excellent; 65-79, Poor to Fair;
50-64, Very Poor; 35-49, Severe Drought

Year	May	June	July	August	September	October	November
1984	87	91	89	85	81	84	83
1985	87	84	83	77	63	75	81
1986	86	87	89	89	92	89	88
1987	91	84	83	84	80	88	88
1988	79	89	59	52	60	75	72
1989	74	91	91	78	76	72	73
1990	87	91	89	84	83	81	81
1991	88	91	62	45	42	57	65
1992	85	89	87	87	89	94	96
1993	79	92	94	65	74	84	92

**Table 67. CATTLE AND CALVES:
Commercial Slaughter, 1984-1993**

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
CATTLE			
1984	245.9	1,164	286,126
1985	207.5	1,178	244,444
1986	218.9	1,178	257,805
1987	189.3	1,173	222,144
1988	175.6	1,212	212,850
1989	101.3	1,116	113,055
1990	66.3	1,071	71,039
1991	74.2	1,101	81,727
1992	80.8	1,111	89,717
1993	63.9	1,082	69,125
CALVES			
1984	631.6	145	91,627
1985	572.8	138	79,225
1986	523.9	135	70,875
1987	470.5	142	66,993
1988	439.0	143	62,909
1989	394.2	152	60,043
1990	279.6	205	57,252
1991	217.1	304	65,959
1992	233.7	329	76,791
1993	184.1	315	58,037

**Table 68. CATTLE AND CALVES: Commercial Slaughter, Number of Head,
by Months, 1984-1993**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
Thousands													
CATTLE													
1984	23.1	20.3	21.7	19.1	21.6	19.3	18.9	22.3	19.2	23.9	19.4	17.0	245.9
1985	17.6	16.0	16.8	17.0	17.7	14.9	16.3	17.7	16.0	20.5	18.8	18.1	207.5
1986	18.4	15.5	16.0	19.7	19.0	16.8	18.5	18.1	17.8	21.6	18.0	19.4	218.9
1987	17.3	15.0	15.0	15.2	14.6	15.2	15.8	14.8	15.8	16.7	15.7	18.2	189.3
1988	15.2	14.3	15.8	14.3	14.4	13.6	13.2	15.5	14.9	15.1	14.4	14.8	175.6
1989	10.9	11.3	9.5	7.6	8.1	7.6	6.3	8.1	7.4	8.3	8.4	7.8	101.3
1990	7.3	6.5	6.7	5.7	6.1	5.3	4.3	4.5	4.4	5.6	5.2	4.7	66.3
1991	5.3	4.7	4.7	5.6	6.2	5.6	6.5	7.2	7.1	8.3	6.5	6.7	74.2
1992	7.6	6.4	7.1	6.9	5.9	6.2	6.6	5.9	6.9	8.3	6.6	6.3	80.8
1993	5.5	4.7	5.3	5.0	5.0	5.5	5.6	5.7	5.6	5.3	5.5	5.3	63.9
CALVES													
1984	52.8	48.6	61.4	48.9	47.4	42.1	52.2	63.0	51.2	59.8	56.2	48.0	631.6
1985	50.2	43.9	52.5	48.5	42.2	35.8	48.8	51.5	50.3	53.5	46.4	49.2	572.8
1986	47.3	42.8	49.4	45.9	35.2	32.5	45.1	46.9	46.0	46.7	41.1	44.9	523.9
1987	39.6	37.2	49.7	38.5	28.4	32.1	40.7	37.1	41.4	43.5	38.2	44.2	470.5
1988	33.7	33.3	43.8	29.5	27.0	32.8	37.4	45.3	41.8	36.8	38.7	38.7	439.0
1989	35.0	32.2	40.8	26.5	23.2	25.7	29.0	40.3	35.5	37.5	35.4	33.1	394.2
1990	32.7	26.7	36.4	23.1	21.6	19.9	17.2	20.7	18.0	22.7	22.3	18.5	279.6
1991	18.3	15.6	18.3	14.6	13.2	12.4	18.5	20.2	20.5	20.6	22.4	22.5	217.1
1992	20.2	17.2	20.3	15.9	15.1	15.9	19.6	21.2	20.9	21.4	21.8	24.3	233.7
1993	17.8	15.9	21.4	16.0	11.6	11.8	13.2	14.9	14.6	14.1	16.8	16.0	184.1

1/ May not add due to rounding.

Table 69. HOGS AND PIGS: Number on Farms, Inventory Value and Value per Head, December 1, 1984-1993

Year	Hogs and pigs for breeding	Hogs & Pigs for Market					All Hogs & Pigs		
		Total	Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 + lbs.	Number	Value per head	Total value
		Thousands					Thousands	Dollars	Thous. dol.
1984	17	122	47	34	21	20	139	74.50	10,356
1985	17	113	37	29	27	20	130	86.00	11,180
1986	17	111	38	26	25	22	128	100.00	12,800
1987	17	107	41	29	20	17	124	87.50	10,850
1988	21	130	67	31	16	16	151	70.00	10,570
1989	17	107	37	19	34	17	124	80.00	9,920
1990	15	88	37	20	18	13	103	85.00	8,755
1991	14	84	30	24	17	13	98	77.00	7,546
1992	15	90	35	25	16	14	105	72.00	7,560
1993	14	87	37	20	16	14	101	77.00	7,777

Table 70. HOGS AND PIGS: Number of Operations, Production, Disposition, and Income, 1984-1993

Year	Operations with hogs	Inventory Dec. 1 preceding	Pig crop	Inshipments	Marketings	Farm slaughter	Deaths	Inventory Dec. 1	Gross income 1/
			Thousands						Thous. dol.
1984	4.7	133	200	5	177	7	15	139	19,240
1985	4.4	139	177	1	161	7	19	130	16,117
1986	3.8	130	158	2	142	6	14	128	15,811
1987	3.6	128	201	2	183	6	18	124	21,218
1988	3.6	124	239	1	188	6	19	151	17,251
1989	3.4	151	199	2	207	6	15	124	17,931
1990	2.9	124	171	2	176	5	13	103	19,771
1991	3.0	103	163	4	155	5	12	98	15,573
1992	3.1	98	179	3	156	5	14	105	13,070
1993	3.1	105	170	5	161	5	13	101	14,582

1/ Value of marketings and home consumption.

Table 71. HOG AND PIG OPERATIONS: by Herd Size, 1989-1993

Number of hogs in herd	Operations				
	1989	1990	1991	1992	1993
	Number				
1-49	3,000	2,580	2,690	2,770	2,750
50-99	170	130	140	150	150
100 plus	230	190	170	180	200
TOTAL	3,400	2,900	3,000	3,100	3,100

Table 72. HOGS AND PIGS: December 1, by Herd Size, 1989-1993

Number of hogs in herd	Inventory				
	1989	1990	1991	1992	1993
	Thousand head				
1-49	23	19	20	21	19
50-99	11	9	10	10	10
100 plus	90	75	68	74	72
TOTAL	124	103	98	105	101

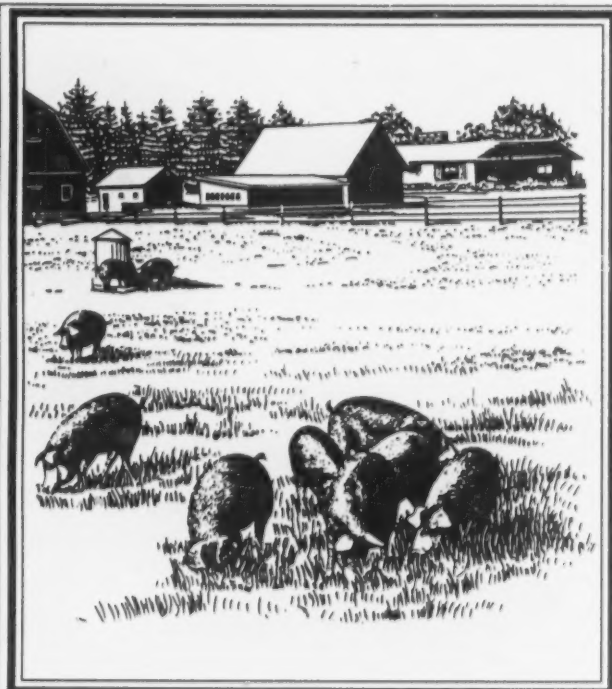


Table 73. HOGS AND PIGS: Commercial Slaughter, 1984-1993

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1984	66.2	230	15,224
1985	83.2	232	19,336
1986	89.9	236	21,261
1987	60.9	233	14,174
1988	63.4	225	14,267
1989	64.6	222	14,335
1990	57.8	231	13,336
1991	56.3	222	12,512
1992	68.9	217	14,982
1993	68.9	222	15,325

Table 74. HOGS AND PIGS: Commercial Slaughter, Number of Head, by Months, 1983-1992

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
<u>Thousands</u>													
1984	5.7	4.5	5.2	4.7	5.6	5.0	4.8	5.8	5.3	7.2	6.5	5.8	66.2
1985	5.2	4.4	4.3	4.8	4.5	4.1	5.6	7.9	8.6	10.8	10.5	12.5	83.2
1986	10.6	8.4	9.5	11.1	10.7	8.4	4.3	4.2	4.2	5.0	5.1	8.7	89.9
1987	7.0	4.4	4.4	4.4	4.4	4.3	4.6	4.5	5.5	5.5	5.4	6.6	60.9
1988	4.3	4.4	4.6	4.5	4.3	5.0	4.4	5.7	5.8	5.9	6.0	8.5	63.4
1989	4.7	4.6	4.9	4.3	5.0	5.4	4.6	6.2	5.1	6.0	5.8	8.0	64.6
1990	5.1	3.6	4.2	4.1	4.3	4.2	4.7	5.5	4.7	5.4	4.9	7.0	57.8
1991	4.3	3.7	3.7	4.2	4.4	4.1	4.9	5.4	4.9	5.9	4.5	6.3	56.3
1992	5.0	4.5	4.5	5.0	4.9	5.7	6.3	6.1	6.4	6.6	5.8	8.0	68.9
1993	5.6	4.5	5.3	5.2	4.9	5.6	5.6	6.1	6.4	5.6	5.7	8.3	68.9

1/ May not add due to rounding.

Table 75. SHEEP AND LAMBS: Number on Farms, Inventory Value and Value per Head, January 1, 1984-1994

Year	All stock sheep	Ewes 1 year & older	Rams 1 year & older	Ewe lambs	Wether and ram lambs	Sheep and lambs on feed	All Sheep and Lambs		
							Number	Value per head	Total value
							Thousands	Dollars	Thous. dol.
1984	61	42	2	11	6	1/	61	67.00	4,087
1985	59	42	2	10	5	1/	59	80.00	4,720
1986	55	40	3	8	4	1/	55	79.50	4,373
1987	64	40	2	15	7	1/	64	78.00	4,992
1988	73	48	2	14	9	1/	73	97.50	7,118
1989	70	55	2	8	5	19	89	112.00	9,968
1990	76	58	3	11	4	16	92	96.00	8,832
1991	75	59	3	10	3	17	92	84.00	7,728
1992	60	48	3	7	2	12	72	86.00	6,192
1993	64	50	3	8	3	14	78	96.00	7,488
1994	62	50	2.5	7	2.5	12	74	91.00	6,734

1/ Sheep and lambs on feed not available.

Table 76. SHEEP AND LAMBS: Number of Operations, Production, Disposition, and Income, 1984-1993

Year	Operations with sheep	Inventory January 1	Lamb crop	Inshipments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
					Sheep	Lambs		Sheep	Lambs		
Thousands											Thous. dol.
1984	2.4	61	51	3	12	31	2	5	6	59	2,031
1985	2.2	59	48	3	11	31	2	5	6	55	2,196
1986	2.0	55	50	3	9	22	1	4	8	64	1,730
1987	2.1	64	48	6	8	24	1	6	6	73	1,978
1988	2.1	73	61	8	1	39	1	6	6	89	2,412
1989	2.2	89	67	4	3	48	1	7	9	92	2,548
1990	2.4	92	64	6	9	46	2	6	7	92	2,337
1991	2.4	92	57	5	19	48	2	6	7	72	2,595
1992	2.2	72	60	8	2	45	2	6	7	78	2,710
1993	2.3	78	65	7	8.5	52.5	2	6	7	74	3,548

1/ Value of marketings and home consumption.

Table 77. SHEEP AND LAMBS: Wool Production and Value, 1984-1993

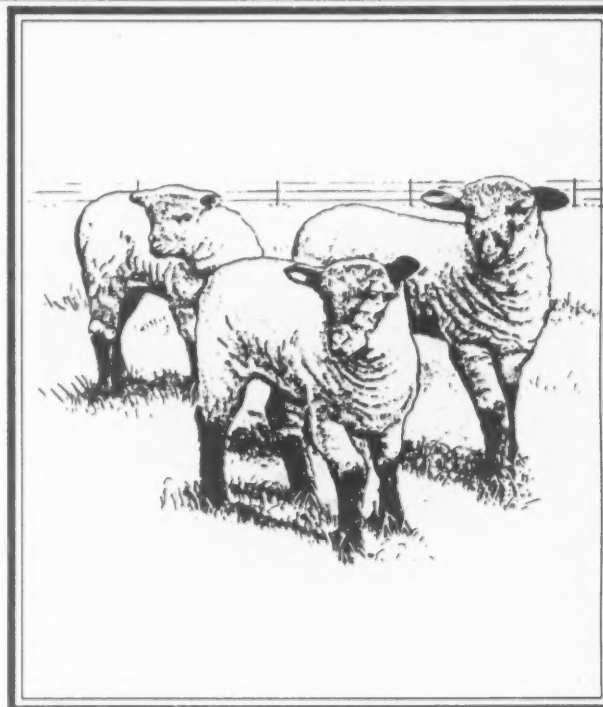
Year	Sheep shorn	Weight per fleece	Wool production	Price per pound	Value
	Head	Pounds	Pounds	Dollars	Dollars
1984	55,000	7.2	396,000	.72	285,000
1985	54,000	7.2	389,000	.52	202,000
1986	53,000	7.1	376,000	.59	222,000
1987	60,000	7.1	426,000	.71	302,000
1988	63,000	7.1	447,000	.88	393,000
1989	68,000	7.0	476,000	.79	376,000
1990	73,000	7.2	525,000	.47	247,000
1991	70,000	7.1	498,000	.39	194,000
1992	61,000	7.1	431,000	.56	241,000
1993	61,000	6.9	419,000	.41	172,000

Table 78. SHEEP AND LAMBS: Wool Support Price and Payments, 1984-1993

Mkting. year	Wool price		Rate applied to sales receipts	Wool Act payments New York
	U.S. avg.	Support		
	Dollars per pound		Percent	Dollars
1984	.795	1.65	107.5	334,000
1985	.633	1.65	160.7	339,000
1986	.668	1.78	166.5	389,000
1987	.917	1.81	97.4	382,000
1988	1.380	1.78	29.0	287,000
1989	1.240	1.77	42.7	118,000
1990	.800	1.82	127.5	160,000
1991	.550	1.88	241.8	236,000
1992	.740	1.97	166.2	407,000
1993	.510	2.04	300.0	N.A.

**Table 79. SHEEP AND LAMBS:
Commercial Slaughter, 1984-1993**

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1984	51.8	93	4,828
1985	52.0	96	4,983
1986	54.4	98	5,333
1987	65.5	98	6,423
1988	96.8	93	9,030
1989	105.9	92	9,755
1990	105.1	98	10,277
1991	77.7	94	7,303
1992	83.3	96	8,016
1993	77.1	101	7,784

**Table 80. SHEEP AND LAMBS: Commercial Slaughter, Number of Head,
by Months, 1984-1993**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total ^{1/}
<u>Thousands</u>													
1984	3.9	3.6	3.7	9.0	4.7	3.5	4.7	4.3	3.8	3.6	3.3	3.7	51.8
1985	2.9	3.0	6.1	5.2	3.7	3.6	4.9	4.7	4.4	4.9	3.9	4.7	52.0
1986	3.2	3.1	7.4	3.4	4.0	3.7	4.7	4.6	5.2	4.4	4.5	6.2	54.4
1987	4.2	4.6	4.8	10.7	3.5	4.2	4.0	4.6	5.7	5.4	6.1	7.7	65.5
1988	5.9	6.3	15.2	8.5	7.3	6.4	6.6	8.2	8.2	8.0	7.2	9.0	96.8
1989	8.0	7.0	15.2	10.7	8.1	8.3	6.9	8.1	9.2	7.9	7.2	9.6	105.9
1990	8.0	7.9	10.1	18.5	9.6	9.8	9.1	9.2	6.3	5.9	5.0	5.7	105.1
1991	4.1	4.4	15.4	8.4	4.5	4.4	5.4	5.8	5.2	6.4	6.0	7.6	77.7
1992	5.5	5.2	6.1	15.7	5.3	6.4	6.1	6.1	7.4	6.2	6.1	7.2	83.3
1993	4.5	4.8	8.4	13.3	5.6	6.7	4.8	7.3	5.9	5.3	4.8	5.8	77.1

^{1/} May not add due to rounding.

SHEEP AND LAMB LOSSES PLACED AT \$1.1 MILLION

New York sheep producers lost 13,000 head of sheep and lambs during 1993, unchanged from both a year earlier and from 1991. Deaths were caused by disease, weather conditions, predators, and other causes. The 13,000 sheep and lambs lost were valued at \$1.1 million and represent a 10 percent loss to the State's \$10.5 million sheep and wool industry.

Based on inventory value, losses from predation totaled \$170,000. There were 7,000 lambs and 6,000 sheep lost during the year. On January 1, 1994 there were 74,000 sheep and lambs in the State with an inventory value of \$7.4 million. Losses during 1993 were attributed mainly to disease and other causes, with disease accounting for 30 percent and other causes for 28 percent of total deaths. Losses due to unknown causes accounted for 16 percent of the deaths, while predation losses totaled another 14

percent. Old age accounted for 7 percent, while the remaining 6 percent were due to bad weather conditions.

Of the 1,840 losses attributed to predation, 61 percent of the sheep and lambs were killed by dogs and 35 percent by coyotes. The remaining 3 percent were killed by other animals. This compares with 1,160 predation losses in 1992 of which 67 percent were killed by dogs, 23 percent by coyotes, and 10 percent by other animals.

Table 81. SHEEP AND LAMBS: Losses by Cause, 1991-1993

Category	Sheep			Lambs		
	1991	1992	1993	1991	1992	1993
Sheep Inventory/Lamb Crop (head)	72,000	78,000	74,000	57,000	60,000	65,000
Sheep/Lamb Losses (head)	6,000	6,000	6,000	7,000	7,000	7,000
<u>Percent of Losses by Cause:</u>						
Weather (%)	8.8	4.5	1.9	15.7	16.5	9.6
Disease (%)	17.2	11.3	27.6	31.5	25.6	31.4
Old Age (%)	27.0	21.2	15.6	-	-	-
Other (%)	21.6	37.8	17.1	30.5	44.0	36.5
Unknown (%)	14.2	13.7	17.0	12.2	7.2	14.1
Predator (%)	11.2	11.5	20.8	10.1	6.7	8.4
Losses to Predation (head)	670	690	1,250	710	470	590
<u>Percent of Losses to Predation:</u>						
Dogs (%)	62.7	74.9	67.5	25.4	55.4	49.5
Coyotes (%)	37.3	25.1	32.2	71.8	21.4	42.1
Other Animals (%)	-	-	0.3	2.8	23.2	8.4
Value of All Losses (\$1,000)	538.8	583.2	596.1	509.6	519.4	545.6
Value of Predation Losses (\$1,000)	60.2	67.1	124.2	51.7	34.9	46.0
Number of Producers	2,400	2,200	2,300	2,400	2,200	2,300
Number with Sheep/Lambs Lost	1,240	1,500	1,330	1,670	1,800	1,940
<u>Percent of Producers with Losses by Cause: 1/</u>						
Weather (%)	6.5	9.5	4.9	15.9	19.3	18.6
Disease (%)	14.9	25.0	24.1	25.7	27.1	32.2
Old Age (%)	42.7	40.9	34.2	-	-	-
Other (%)	24.2	36.2	32.3	51.2	63.0	60.6
Unknown (%)	25.0	15.3	15.8	24.9	17.9	13.1
Predator (%)	16.9	16.0	26.3	14.1	11.9	24.7
Number of Producers with Predation Losses	210	240	350	235	215	480
<u>Percent of Producers by Type of Predation Loss: 1/</u>						
Dogs (%)	59.5	63.1	71.4	40.4	61.5	68.8
Coyotes (%)	42.9	37.7	41.4	62.1	27.8	35.4
Other Animals (%)	-	-	0.6	2.6	21.1	0.9

1/ Percents may add to over 100 due to a producer having losses from more than one cause.

Table 82. HONEY: Production and Value, 1986-1993 1/

Year	Colonies of bees	Yield per colony	Production	Price per pound	Total value	Stocks on Dec. 15
	Thous.	Pounds	Thous. lb.	Dollars	Thous. dol.	Thous. lb.
1986	92	32	2,944	.650	1,914	530
1987	90	44	3,960	.660	2,614	1,188
1988	94	59	5,546	.700	3,882	1,109
1989	94	59	5,546	.550	3,050	1,664
1990	81	54	4,374	.650	2,843	1,094
1991	77	62	4,774	.620	2,960	1,337
1992	70	66	4,620	.610	2,818	1,802
1993	65	62	4,030	.590	2,378	1,733

1/ For apiaries with 5 or more colonies.

Table 83. MINK: Females Bred to Produce Kits by Color Class and Pelts Produced, by Color Class, 1984-1994

Year	Standard	Pastel	Violet type	Pearl	Demi- Buff	Gunmetal	Pink	Mahogany	Other	Total
Number										
FEMALES BRED										
1985	12,200	2,700	2,900	2,300	1,600	1,700	1,500	-	1,300	26,200
1986	12,100	3,100	1,500	1,500	2,200	500	1,800	3,300	1,300	27,300
1987	13,300	2,400	1,300	1,700	1,000	1,000	1,900	1,600	900	25,100
1988	14,100	2,500	1,700	2,000	800	1,900	2,100	1,100	800	27,000
1989	14,500	1,000	2,000	500	4,900	1,300	1,600	1,500	700	28,000
1990	14,200	500	1,700	1,400	3,600	400	1,200	400	600	24,000
1991	12,400	600	200	1/	3,000	500	900	600	500	18,700
1992	5,200	900	300	200	100	1,100	700	6,100	700	15,300
1993	7,800	1,000	500	600	100	900	1,200	1,300	700	14,100
1994	8,500	900	500	700	500	700	1,100	1,700	400	15,000
PELTS PRODUCED										
1984	45,400	9,900	14,700	12,500	7,800	6,000	6,900	-	3,800	107,000
1985	44,800	7,200	5,600	4,800	20,000	7,600	5,500	9,000	4,200	108,700
1986	54,000	9,500	5,900	6,200	5,600	1,500	7,900	9,600	3,800	104,000
1987	48,700	9,100	6,100	8,200	2,500	5,500	9,900	6,200	3,200	99,400
1988	55,300	4,000	7,200	3,500	14,400	2,700	7,200	7,600	2,200	104,100
1989	55,300	2,000	5,700	1,200	12,500	3,200	6,200	7,700	3,300	97,100
1990	43,000	3,600	4,500	4,100	2,600	7,800	5,300	900	2,400	74,200
1991	22,900	900	500	300	1,000	3,500	2,400	11,400	2,200	45,100
1992	13,500	1,700	700	200	600	2,200	1,800	15,400	1,900	38,000
1993	17,800	2,400	900	600	1,800	2,800	2,500	8,400	1,100	38,300

1/ Included with "Other" to avoid disclosure of individual operations.

TROUT PRODUCTION DECLINES

New York trout producers sold a total of 187,000 pounds of trout valued at \$795,000 during the 12 months ended August 31, 1993. This production, which includes foodsize fish, stockers, and fingerlings, was down seven percent from a year earlier, but two percent above the 1991 production.

Value of production was down nine percent from a year ago, but still four percent above the 1991 value of production.

The 1993 output included 126,000 pounds of foodsize trout averaging \$3.89 per pound in value and 66,000 pounds of stocker trout

averaging \$4.45 per pound. Food-size fish averaged .90 pounds live weight, while stockers averaged .42 pounds. A total of 39 New York producers sold trout during the 1993 marketing year, up from 37 a year ago.

**Table 84. TROUT: Sales by Number, Liveweight, and Value,
September 1 to August 31, 1989-1993**

Item	Unit	1989	1990	1991	1992	1993
FOODSIZE TROUT SOLD						
Number of head	(000)	174	117	112	130	126
Liveweight pounds	(000)	148	109	97	106	114
Total dollar value	(000)	548	398	372	423	443
Average weight per fish	lb.	.85	.93	.87	.82	.90
Average price per pound	\$	3.70	3.65	3.84	3.99	3.89
STOCKER TROUT SOLD						
Number of head	(000)	311	364	230	258	157
Liveweight pounds	(000)	90	98	80	89	66
Total dollar value	(000)	360	414	329	385	294
Average weight per fish	lb.	.29	.27	.35	.34	.42
Average price per pound	\$	4.00	4.22	4.11	4.33	4.45
FINGERLING TROUT SOLD						
Number of head	(000)	232	308	251	291	376
Liveweight pounds	(000)	5	12	6	7	7
Total dollar value	(000)	34	85	64	68	58
TOTAL TROUT SOLD						
Number of head	(000)	717	789	593	679	659
Liveweight pounds	(000)	243	219	183	202	187
Total dollar value	(000)	942	897	765	876	795
Average weight per fish	lb.	.34	.28	.31	.30	.28
Average price per pound	\$	3.88	4.10	4.18	4.34	4.25
NUMBER OF PRODUCERS		41	41	36	37	39

**Table 85. TROUT: Foodsize Sales by Outlet, Number and Percent of Total Sold
September 1 to August 31, 1989-1993**

Year	Sales Outlet															
	Live Haulers		Fee and Recreation		Other Producers		Government Agencies		Direct to Consumers		Restaurant or Retailers		Other		Total Sales	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	(000)		(000)		(000)		(000)		(000)		(000)		(000)		(000)	
1989	-	-	103	59	3	2	2	1	40	23	24	14	2	1	174	100
1990	1	1	54	46	1	1	-	-	15	13	44	37	2	2	117	100
1991	-	-	45	40	-	-	-	-	16	14	51	46	-	-	112	100
1992	-	-	32	25	3	2	6	5	29	22	57	44	3	2	130	100
1993	-	-	39	31	4	3	3	2	39	31	40	32	1	1	126	100

**Table 86. TROUT: Stocker Sales by Outlet, Number and Percent of Total Sold
September 1 to August 31, 1989-1993**

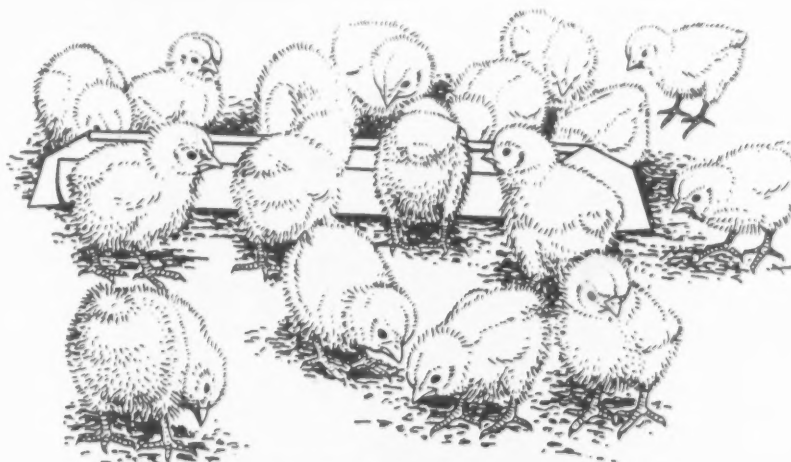
Year	Sales Outlet											
	Live Haulers		Fee and Recreation		Other Producers		Government Agencies		Other		Total Sales	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	(000)		(000)		(000)		(000)		(000)		(000)	
1989	115	37	81	26	28	9	6	2	81	26	311	100
1990	4	1	233	64	29	8	7	2	91	25	364	100
1991	39	17	94	41	58	25	7	3	32	14	230	100
1992	67	26	168	65	15	6	8	3	-	-	258	100
1993	17	11	93	59	38	24	9	6	-	-	157	100

**Table 87. TROUT: Number Lost by Cause and Percent of Total Number Lost
September 1 to August 31, 1989-1993**

Year	Cause of Loss													
	Disease		Theft/Vandalism		Drought		Flood		Predators		Other		Total Losses	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	(000)		(000)		(000)		(000)		(000)		(000)		(000)	
1989	9	7	10	8	30	25	3	3	27	22	43	35	127	100
1990	21	13	2	1	4	3	-	-	44	27	90	56	161	100
1991	39	25	2	1	32	20	-	-	29	18	56	36	158	100
1992	64	35	2	1	25	14	11	6	63	35	16	9	181	100
1993	52	29	1	1	42	23	1/	1/	67	37	18	10	180	100

1/ Less than one percent. Included in "Other."

POULTRY



The combined value of New York produced eggs, broilers, and turkeys, plus value of sales for other chickens was \$58.6 million for the year ending November 30, 1993. This total was up 10 percent from a year earlier, but three percent below two years ago. The increase from 1992 to 1993 was due to increased egg, broiler, and turkey prices and increased broiler production. Of the 1993 combined value, 89 percent was derived from eggs and 8 percent from turkeys.

Egg production in New York during the 1993 year totaled 1.03 million, down one percent from a year earlier. Egg prices rose from 53.9 cents per dozen in 1992 to an average of 60.7 cents in 1993. The increase in price more than offset the decrease in production resulting in a total value of \$52.0 million, 11 percent above the 1992 egg production value of \$46.7 million.

Broiler production in New York totaled 4.5 million pounds during 1993, up 5 percent from the 1992 total. With the price per pound averaging 34.0 cents, the resulting value of production, at \$1.53 million also posted a 12 percent increase from the previous year.

Statewide turkey production in 1993 amounted to 11.9 million pounds, unchanged from 1992. The average price of 38.0 cents per pound was up two cents. Value of production totaled \$4.51 million, up six percent from the 1992 level of \$4.27 million.

The number of other chickens sold in New York (*excluding broilers*) during 1993 was down 15 percent from the previous year. This decrease combined with decreased prices resulted in a value of sales of \$588,000, down 31 percent from 1992's value.

Table 88. DUCKS: Production and Value, 1984-1993

Year	Number	Pounds produced (Live)	Price per pound (Live)	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1984	4,250	28,800	49.0	14,112
1985	3,950	27,000	51.0	13,770
1986	3,850	26,800	51.0	13,668
1987	2,950	20,700	52.0	10,764
1988	2,350	16,800	53.0	8,904
1989	2,200	15,900	54.0	8,586
1990	1,950	14,200	56.0	7,952
1991	1,970	14,400	55.0	7,920
1992	2,100	15,600	56.0	8,736
1993	1,990	14,900	57.0	8,493

Table 89. TURKEYS: Production and Value, 1984-1993

Year	Number	Pounds produced (Live)	Price per pound (Live)	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1984	329	5,790	48.0	2,779
1985	314	6,123	46.0	2,817
1986	343	6,174	45.0	2,778
1987	448	9,677	35.0	3,387
1988	343	6,380	37.0	2,361
1989	400	8,600	40.0	3,440
1990	480	11,616	39.0	4,530
1991	490	11,858	37.0	4,387
1992	480	11,856	36.0	4,268
1993	480	11,856	38.0	4,505

Table 90. CHICKENS: Number on Farms, Inventory Value and Value per Head, December 1, 1984-1993

Year	Hens and pullets of laying age			Pullets over 3 mo. not laying	Pullets under 3 months	Other Chickens	All Chickens (excl. meat chickens)		
	Hens over 12 months	Pullets of laying age	Total HPLA				Number	Value per head	Total value
<u>Thousands</u>							<u>Dollars</u>	<u>Thous. dol.</u>	
1984	2,900	4,200	7,100	1,200	950	50	9,300	1.95	18,135
1985	2,800	3,700	6,500	700	740	60	8,000	1.85	14,800
1986	2,400	3,200	5,600	500	570	30	6,700	1.70	11,390
1987	1,500	2,800	4,300	480	600	20	5,400	1.85	9,990
1988	1,600	2,550	4,150	410	470	20	5,050	1.85	9,343
1989	1,700	2,100	3,800	520	750	30	5,100	1.95	9,945
1990	1,350	2,350	3,700	470	650	30	4,850	2.00	9,700
1991	1,350	2,550	3,900	540	430	30	4,900	1.80	8,820
1992	1,650	2,250	3,900	330	640	30	4,900	1.70	8,330
1993	1,350	2,450	3,800	380	790	30	5,000	1.80	9,000

Table 91. CHICKENS: Sold and Value of Sales, 1984-1993 1/

Year	Number sold	Pounds sold (Live)	Price per lb. (Live)	Value of sales
	<u>Thous.</u>	<u>Thous.</u>	<u>Cents</u>	<u>Thous. dol.</u>
1984	6,900	28,290	12.9	3,649
1985	6,800	26,520	11.4	3,023
1986	5,600	22,960	8.3	1,906
1987	6,500	25,350	7.1	1,800
1988	4,500	17,100	5.2	889
1989	3,700	14,800	10.8	1,598
1990	3,900	15,210	6.1	928
1991	3,850	15,785	3.6	568
1992	4,100	16,810	5.1	857
1993	3,500	16,800	3.5	588

1/ Excludes broilers.

Table 92. BROILERS: Production and Value, 1984-1993 1/

Year	Number produced	Pounds produced	Price per pound	Value of production
	<u>Thous.</u>	<u>Thous.</u>	<u>Cents</u>	<u>Thous. dol.</u>
1984	670	2,948	35.0	1,032
1985	1,750	7,700	31.5	2,426
1986	2,000	9,000	36.0	3,240
1987	2,100	9,450	30.0	2,835
1988	2,500	11,250	34.0	3,825
1989	3,300	15,180	36.0	5,465
1990	2,400	11,040	33.0	3,643
1991	2,000	9,000	31.5	2,835
1992	930	4,278	32.0	1,369
1993	1,000	4,500	34.0	1,530

1/ Marketing year for broiler data is preceding December through November.

Table 93. EGGS: Production and Value, 1984-1993 1/

Year	Number of layers	Eggs per layer	Eggs produced	Price per dozen	Value of production
	<u>Thous.</u>	<u>Number</u>	<u>Millions</u>	<u>Cents</u>	<u>Thous. dol.</u>
1984	6,692	256	1,710	70.8	100,890
1985	6,712	255	1,710	55.8	79,515
1986	6,125	249	1,523	59.0	74,881
1987	4,367	255	1,115	49.5	45,994
1988	3,878	261	1,013	47.0	39,676
1989	3,973	268	1,063	64.4	57,048
1990	3,658	267	975	68.1	55,331
1991	3,687	268	987	64.0	52,640
1992	3,808	273	1,040	53.9	46,713
1993	3,784	272	1,028	60.7	52,000

1/ Marketing year for eggs is preceding December through November.

Table 94. CHICKENS: Number of Layers and Egg Production, by Months, 1984 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LAYERS (Thousands)												
1984	6,676	6,675	6,676	6,700	6,650	6,650	6,725	6,676	6,626	6,675	6,900	7,050
1985	6,976	7,025	6,850	6,500	6,500	6,525	6,550	6,701	6,651	6,625	6,601	6,401
1986	6,300	6,275	6,325	6,350	6,225	6,050	5,975	6,025	6,000	5,875	5,700	5,550
1987	5,100	4,750	4,600	4,050	3,850	4,000	4,000	4,025	4,075	4,150	4,250	4,300
1988	4,100	3,875	3,900	3,900	3,800	3,625	3,575	3,675	3,750	3,925	4,100	4,125
1989	4,075	4,050	4,025	4,025	4,025	4,000	4,050	4,000	3,800	3,725	3,775	3,750
1990	3,650	3,700	3,775	3,700	3,575	3,525	3,625	3,625	3,575	3,675	3,725	3,725
1991	3,751	3,725	3,701	3,700	3,600	3,600	3,650	3,600	3,675	3,725	3,801	3,850
1992	3,876	3,950	3,875	3,750	3,725	3,775	3,800	3,725	3,775	3,800	3,800	3,800
1993	3,725	3,726	3,776	3,850	3,875	3,751	3,775	3,776	3,775	3,826	3,750	3,809
1994	3,809	3,819	3,795	3,768								
EGGS PER LAYER (Number)												
1984	21.57	19.93	21.42	20.60	21.35	20.45	21.86	22.47	21.43	22.02	20.87	21.13
1985	21.07	19.07	21.90	21.38	21.85	21.15	21.98	21.64	21.05	21.74	20.91	20.93
1986	20.63	18.80	20.71	20.47	21.37	21.16	21.76	21.24	20.50	20.94	20.18	21.08
1987	21.37	19.37	21.74	21.48	22.08	20.75	22.00	21.86	21.10	21.93	20.94	22.09
1988	22.44	21.42	22.56	21.54	22.11	21.52	22.10	21.50	20.80	21.66	21.46	22.30
1989	22.82	20.74	22.61	22.36	23.35	22.75	22.47	21.75	21.84	22.55	21.99	22.93
1990	22.74	20.00	22.52	22.16	22.66	22.13	22.90	22.62	22.10	22.04	21.74	22.82
1991	22.66	21.21	23.51	21.35	21.67	21.94	23.56	23.06	22.04	22.28	21.57	23.38
1992	23.22	21.27	22.45	22.13	23.09	22.25	22.89	23.36	22.52	23.68	22.89	23.16
1993	23.09	20.67	23.04	22.34	22.71	21.86	23.05	23.31	22.52	23.52	22.40	23.37
1994	23.37	20.95	23.45	22.56								
TOTAL EGG PRODUCTION (Million Eggs)												
1984	144	133	143	138	142	136	147	150	142	147	144	149
1985	147	134	150	139	142	138	144	145	140	144	138	134
1986	130	118	131	130	133	128	130	128	123	123	115	117
1987	109	92	100	87	85	83	88	88	86	91	89	95
1988	92	83	88	84	84	78	79	79	78	85	88	92
1989	93	84	91	90	94	91	91	87	83	84	83	86
1990	83	74	85	82	81	78	83	82	79	81	81	85
1991	85	79	87	79	78	79	86	83	81	83	82	90
1992	90	84	87	83	86	84	87	87	85	90	87	88
1993	86	77	87	86	88	82	87	88	85	90	84	89
1994	89	80	89	85								
FORCED MOLT LAYERS BEING MOLTED FIRST OF MONTH (Percent of All Layers)												
1984	1.0	1.0	2.0	2.5	4.0	3.5	0.5	0.5	1.0	2.0	2.0	2.0
1985	1.5	2.5	1.0	4.0	3.0	2.0	4.5	2.0	0.5	3.0	8.5	3.0
1986	2.0	7.5	7.5	1.0	1.0	2.0	2.5	5.0	1.0	1.5	0.5	3.0
1987	2.0	2.5	3.0	5.0	3.0	4.0	8.5	2.0	2.0	2.0	0.5	0.5
1988	2.5	0.5	1.5	0.5	3.0	2.5	1.5	1.5	1.5	2.5	7.0	5.0
1989	2.0	1.0	2.5	1.0	0.5	1.5	4.5	6.0	2.0	4.5	0.5	3.0
1990	4.0	2.0	1.5	0.5	2.5	2.5	1.0	1.0	0.5	3.0	2.0	2.0
1991	1.5	1.5	2.0	3.5	9.5	6.5	1.0	2.0	0.5	5.5	1.0	1.0
1992	3.0	3.5	2.0	0.5	5.5	4.0	2.5	2.5	2.5	0.5	2.0	1.0
1993	3.0	3.0	1.0	0.5	4.0	4.5	1.5	-	0.5	2.0	1.5	1.0
1994	0.5	3.0	1.0	2.0	2.0							
FORCED MOLT LAYERS WITH MOLT COMPLETED FIRST OF MONTH (Percent of All Layers)												
1984	9.0	10.0	11.5	11.0	12.0	8.5	7.5	7.0	7.0	5.5	4.0	8.0
1985	7.5	6.5	8.5	8.0	7.5	6.3	8.5	7.0	10.0	11.0	12.0	12.0
1986	12.0	9.5	13.0	12.0	13.0	14.5	17.5	17.5	18.5	17.5	17.0	14.5
1987	16.5	12.5	12.5	12.0	4.5	5.5	4.5	8.0	9.5	8.5	9.0	7.5
1988	8.0	9.5	8.0	6.5	6.5	5.5	6.0	6.5	6.0	4.0	3.5	6.5
1989	5.5	7.5	8.0	7.0	7.0	7.0	7.0	7.5	13.0	12.0	11.0	11.0
1990	12.0	11.0	9.5	11.0	10.5	3.5	4.0	5.0	5.0	6.0	5.5	7.5
1991	5.5	5.5	7.5	8.0	11.5	12.5	10.5	11.5	13.5	12.5	15.0	13.0
1992	12.0	11.5	10.0	10.5	7.5	6.5	6.0	6.0	9.0	7.5	9.0	10.0
1993	10.0	8.0	8.0	9.0	10.0	12.0	11.5	12.0	8.0	8.0	9.0	5.5
1994	4.0	2.5	4.5	3.5	13.0							

OTHER AGRICULTURAL STATISTICS

PRICES

New York farmers received lower prices for milk and many fruit and vegetable crops in 1993 but enjoyed increases for corn, wheat, soybeans, onions, cabbage, eggs and meat animals. Total cash farm receipts from farm marketings of all commodities during the year will likely be down one or two percent from 1992. This decline will be attributable to the lower milk price and a one percent decline in milk production.

Output of most field crops during 1993 was down from the previous year with the exception of silage corn, dry beans, and hay. Weather during the spring was generally cold and wet, but turned extremely hot and dry during the summer months, stressing crops at a time when moisture was needed for growth. Weather conditions were excellent for haying. The fall again turned cooler and wetter than normal.

Milk production in New York was down one percent during 1993 while the average milk price decreased three percent, losing about one-half of the price increase of 1992. This came after three years of reduced production and the disastrously low 1991 milk price of \$12.70 per hundredweight (cwt.).

The Index of Prices Paid by New York Dairy Farmers for 1993 was 177 percent of its 1977 average. The index rose over two percent from a year earlier to a new record high reflecting higher costs of machinery, building materials,

and some fertilizers. Partially offsetting were lower interest rates and feed. Corn based dairy and hog feeds were down two percent from 1992.

With the price of milk down three percent and the price of mixed dairy feed down two percent, the milk-feed price ratio dropped to 1.51 from 1.56 the year before. This indicates dairying was a little less profitable in 1993 than in 1992. As can be seen on the Milk-Feed Price Relationship chart, the two most profitable years for dairymen since 1984 were 1987 and 1990.

The two least profitable years were 1984 and 1988 as shown by the milk-feed price ratio line. The closer together the milk price and feed cost lines, the smaller the profit margin. A deficit situation occurs when the feed cost line is above the milk price line.

Production costs are not the only expenses incurred by farmers. An individual farm profit or loss must reflect many other factors including the cost of family living items. The cost of living as reflected in the Consumer Price Index increased three percent during 1993.

Figure 4. MILK-FEED PRICE RELATIONSHIPS

% of 1977

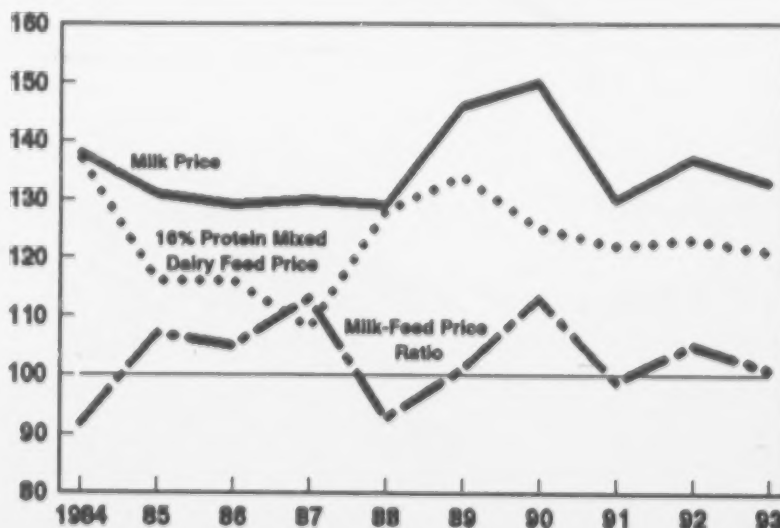


Table 95. DAIRY FARM PRICE INDEXES: Prices Received and Prices Paid, 1984 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
INDEX OF PRICES RECEIVED FOR MILK, SEASONALLY ADJUSTED (1977 = 100)													
1984	134	134	135	137	138	138	135	134	135	135	139	138	136
1985	137	137	135	135	132	129	126	123	122	121	123	124	129
1986	123	124	123	125	126	126	125	125	126	128	131	132	126
1987	131	130	128	128	127	127	126	124	126	125	127	126	127
1988	124	123	121	121	120	120	119	120	123	126	131	135	124
1989	133	131	128	128	128	130	130	133	138	143	152	159	136
1990	155	148	144	141	143	148	147	143	140	127	125	116	140
1991	114	115	116	119	121	123	122	120	122	127	132	137	122
1992	133	130	127	135	138	144	138	132	132	128	128	129	133
1993	125	124	125	134	142	146	134	122	122	124	133	138	131
1994	138	138	142	148									
INDEX OF PRICES PAID BY DAIRY FARMERS 1/ (1977 = 100)													
1984	164	163	164	164	164	164	162	160	160	160	160	158	162
1985	159	159	158	151	150	149	148	149	147	149	150	151	152
1986	152	151	-	158	-	-	154	-	-	152	-	-	154
1987	149	-	-	150	-	-	152	-	-	149	-	-	150
1988	153	-	-	156	-	-	164	-	-	165	-	-	159
1989	166	-	-	169	-	-	167	-	-	168	-	-	168
1990	171	-	-	168	-	-	168	-	-	172	-	-	170
1991	172	-	-	172	-	-	171	-	-	172	-	-	172
1992	171	-	-	172	-	-	174	-	-	173	-	-	173
1993	177	-	-	177	-	-	175	-	-	179	-	-	177
1994	183	-	-	186									
RATIO OF INDEX OF PRICES RECEIVED FOR MILK TO INDEX OF PRICES PAID BY DAIRY FARMERS 2/													
1984	82	82	82	84	84	84	83	84	84	84	87	87	84
1985	86	86	85	89	88	87	85	83	83	81	82	82	85
1986	81	82	81	79	80	80	81	81	82	84	86	87	82
1987	88	87	86	85	85	85	83	82	83	84	85	85	85
1988	81	80	79	78	77	77	73	73	75	76	79	82	78
1989	80	79	77	76	76	77	78	80	83	85	90	95	81
1990	91	87	84	84	85	88	88	85	83	74	73	67	82
1991	66	67	67	69	70	72	71	70	71	74	77	80	71
1992	78	76	74	78	80	84	79	76	76	74	74	75	77
1993	71	70	71	76	80	82	77	70	70	70	75	77	74
1994	75	75	78	80									

1/ The index is adjusted to include the dairy assessment from April 16, 1983-March 31, 1985 and the Food Security Act assessment from April 1, 1986-August 31, 1987. 2/ Ratio derived using the most recent prices paid index.

Table 96. CONSUMER PRICE INDEX (CPI-U): All Urban Consumers, City Average, Unadjusted, United States, 1984 to Date 1/ (1982-84 = 100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
1984	101.9	102.4	102.6	103.1	103.4	103.7	104.1	104.5	105.0	105.3	105.3	105.3	103.9
1985	105.5	106.0	106.4	106.9	107.3	107.6	107.8	108.0	108.3	108.7	109.0	109.3	107.6
1986	109.6	109.3	108.8	108.6	108.9	109.5	109.5	109.7	110.2	110.3	110.4	110.5	109.6
1987	111.2	111.6	112.1	112.7	113.1	113.5	113.8	114.4	115.0	115.3	115.4	115.4	113.6
1988	115.7	116.0	116.5	117.1	117.5	118.0	118.5	119.0	119.8	120.2	120.3	120.5	118.3
1989	121.1	121.6	122.3	123.1	123.8	124.1	124.4	124.6	125.0	125.6	125.9	126.1	124.0
1990	127.4	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8	130.7
1991	134.6	134.8	135.0	135.2	135.6	136.0	136.2	136.6	137.2	137.4	137.8	137.9	136.2
1992	138.1	138.6	139.3	139.5	139.7	140.2	140.5	140.9	141.3	141.8	142.0	141.9	140.3
1993	142.6	143.1	143.6	144.0	144.2	144.4	144.4	144.8	145.1	145.7	145.8	145.8	144.5
1994	146.2	146.7	147.2	147.4									

1/ Bureau of Labor Statistics, U.S. Department of Labor.

Table 97. FEED PRICE RATIO: Hogs, Monthly and Annual Average, 1984 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg. 1/
HOG - CORN PRICE RATIO 2/													
1984	13.1	13.6	12.6	12.6	12.6	13.1	13.7	13.6	12.7	14.4	17.2	16.8	13.8
1985	16.8	16.3	14.9	13.6	13.7	14.6	15.4	15.6	14.6	17.4	17.2	16.9	15.6
1986	17.2	16.8	14.5	15.4	17.6	19.6	24.6	29.1	28.7	29.4	32.7	29.4	22.9
1987	27.1	24.3	26.6	27.2	27.7	28.1	29.6	31.5	26.9	25.3	22.6	21.3	26.5
1988	21.6	21.1	19.5	18.5	19.3	16.4	13.5	14.2	12.8	13.1	12.9	13.0	16.3
1989	13.2	13.5	12.9	12.1	13.8	14.7	15.6	15.4	14.7	17.3	17.3	17.5	14.8
1990	15.4	16.5	17.8	17.7	17.5	17.5	17.0	16.5	16.6	19.1	20.5	18.1	17.5
1991	18.0	20.3	18.8	19.1	18.0	20.5	19.9	19.8	17.2	16.0	13.9	13.8	17.9
1992	12.1	13.2	13.6	13.4	14.6	15.4	15.3	15.0	13.1	14.2	16.2	16.5	14.4
1993	15.8	17.7	18.3	18.6	18.9	19.1	17.6	17.9	18.9	17.7	15.3	12.9	17.4
1994	12.2	13.7	13.3	13.0									

1/ Simple average of monthly ratios.

2/ Bushels of corn equal in value to 100 pounds of hog liveweight.

Table 98. FEED PRICE RATIOS: Milk and Eggs, Quarterly and Annual Average, 1984 to Date

Year	Jan.	Apr.	July	Oct.	Annual avg. 1/	Jan.	Apr.	July	Oct.	Annual avg. 1/
MILK - FEED PRICE RATIO 2/						EGG - FEED PRICE RATIO 3/				
1984	1.30	1.26	1.35	1.58	1.37	8.8	7.7	5.4	5.0	6.7
1985	1.63	1.52	1.53	1.67	1.59	5.0	5.2	5.7	6.9	5.7
1986 4/	1.49	1.41	1.53	1.79	1.56	6.5	6.2	6.6	7.1	6.6
1987	1.73	1.60	1.59	1.78	1.68	6.9	5.8	4.9	6.1	5.9
1988	1.54	1.39	1.19	1.44	1.39	4.9	4.5	5.2	4.8	4.9
1989	1.47	1.32	1.44	1.77	1.50	5.2	6.3	5.6	7.1	6.1
1990	1.78	1.61	1.71	1.63	1.68	8.0	7.1	5.5	7.4	7.0
1991	1.39	1.34	1.48	1.66	1.47	7.7	6.7	7.4	6.4	7.1
1992	1.60	1.48	1.54	1.63	1.56	5.7	5.3	4.6	6.1	5.4
1993	1.48	1.48	1.55	1.53	1.51	6.8	6.0	5.3	5.5	5.9
1994	1.54	1.52				5.1	5.2			

1/ Simple average of quarterly ratios.

2/ Pounds of 16 percent dairy feed equal in value to 1 pound of milk.

3/ Pounds of laying feed equal in value to 1 dozen eggs.

4/ Starting with April 1986, the ratios are calculated by dividing the average milk or egg price received by New York farmers by the average price paid for feed in the Northeast region. The region includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

**Table 99. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1984 to Date (Continued)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. 1/
WHEAT (Dollars per bushel)													
1984	3.28	3.31	3.32	3.41	3.50	3.43	3.20	3.19	3.21	3.27	3.37	3.35	3.25
1985	3.30	3.42	3.39	3.35	3.34	3.09	2.85	2.70	2.59	2.66	2.80	3.07	2.80
1986	2.92	2.90	2.90	2.88	3.15	2.95	2.22	2.05	2.08	2.26	2.24	2.43	2.25
1987	2.50	2.57	2.60	2.55	2.70	2.72	2.45	2.35	2.56	2.90	2.97	3.10	2.60
1988	3.12	3.37	3.10	3.50	3.30	2.89	3.31	3.41	3.71	3.55	3.75	3.70	3.50
1989	3.98	3.93	3.70	3.94	3.70	3.37	3.26	3.37	3.55	3.95	3.88	3.97	3.50
1990	3.98	3.84	3.92	3.63	3.63	3.48	2.80	2.62	2.41	2.52	2.34	2.44	2.70
1991	2.47	2.53	2.84	2.43	2.45	2.35	2.21	2.56	2.89	3.10	3.41	3.72	3.35
1992	3.98	4.05	3.74	3.61	3.77	3.42	3.04	2.17	2.38	2.54	3.33	2.93	2.45
1993	3.11	2.85	2.88	2.74	2.37	2.96	2.93	2.94	2.80	3.10	3.36	3.16	3.12
1994	3.79	3.49	3.20	3.83									
OATS (Dollars per bushel)													
1984	2.20	2.22	2.14	2.26	2.14	2.23	2.25	1.95	1.85	2.05	1.96	2.07	1.95
1985	2.04	2.09	1.98	1.87	1.80	1.70	1.34	1.03	1.12	1.16	.98	1.02	1.09
1986	1.06	1.10	1.07	1.09	1.02	1.14	.96	.75	.94	.87	1.07	1.15	1.15
1987	1.40	1.51	1.40	1.46	1.64	1.65	1.28	1.20	1.39	1.58	1.48	1.75	1.62
1988	1.72	1.84	1.82	1.79	1.81	2.37	2.11	2.03	2.20	2.24	2.23	2.21	2.18
1989	2.46	2.27	2.14	2.39	1.93	1.61	1.32	1.22	1.26	1.30	1.31	1.57	1.35
1990	1.54	1.46	1.55	1.55	1.37	1.39	1.34	1.18	1.36	1.40	1.49	1.35	1.41
1991	1.56	1.57	1.35	1.44	1.52	1.43	1.28	1.38	1.52	1.38	1.55	1.40	1.56
1992	1.69	1.69	1.82	1.95	1.83	1.78	1.80	1.60	1.33	1.27	1.32	1.31	1.43
1993	1.41	1.57	1.59	1.61	1.55	1.45	1.72	1.25	1.31	1.33	1.67	1.57	1.34
1994	1.49	1.98	1.72	1.65									
CORN (Dollars per bushel)													
1984	3.47	3.35	3.58	3.61	3.60	3.67	3.70	3.61	3.65	2.98	2.74	2.78	2.85
1985	2.82	2.86	2.88	2.88	2.89	2.90	2.85	2.70	2.70	2.44	2.46	2.62	2.45
1986	2.56	2.50	2.64	2.49	2.51	2.55	2.25	2.04	1.96	1.75	1.53	1.64	1.76
1987	1.67	1.89	1.67	1.74	1.88	1.97	1.90	1.79	1.89	1.82	1.71	1.78	2.20
1988	1.91	2.04	2.02	2.10	2.25	2.71	3.06	3.01	2.96	2.80	2.80	2.94	2.83
1989	2.96	2.81	2.85	2.85	2.76	2.79	2.73	2.80	2.71	2.53	2.42	2.55	2.80
1990	2.85	2.67	2.64	2.76	3.13	3.18	3.25	3.20	3.07	2.70	2.27	2.35	2.44
1991	2.51	2.38	2.48	2.50	2.69	2.43	2.53	2.47	2.42	2.48	2.41	2.48	2.70
1992	2.77	2.79	2.65	2.67	2.82	2.82	2.73	2.75	2.91	2.69	2.27	2.20	2.30
1993	2.33	2.20	2.21	2.12	2.19	2.28	2.41	2.36	2.34	2.50	2.60	2.84	2.87
1994	2.98	3.08	3.01	3.00									
APPLES, COMMERCIAL CROP FOR FRESH CONSUMPTION (Dollars per cwt.)													
1984	17.00	18.00	17.50	18.00	18.00	18.00	-	16.00	19.20	21.10	19.00	20.00	20.10
1985 2/	20.50	19.50	19.50	20.00	21.00	21.00	-	-	12.50	11.20	11.20	11.70	11.50
1986	12.40	12.00	11.00	10.90	11.80	11.80	-	-	17.50	16.80	16.20	15.80	16.50
1987	17.40	16.40	15.80	15.90	16.70	17.00	-	-	12.20	13.00	13.90	13.40	13.70
1988	13.40	14.40	14.70	14.50	-	-	-	-	17.00	15.80	14.40	14.20	15.30
1989	15.00	15.90	16.30	15.00	15.00	15.00	-	-	18.70	13.30	12.90	13.90	14.80
1990	14.00	14.60	15.40	15.00	15.00	-	-	-	22.20	15.50	15.70	16.10	17.80
1991	16.50	18.10	18.30	18.70	18.70	18.70	-	-	21.00	17.70	17.10	18.40	20.10
1992	20.00	22.20	20.80	21.50	21.50	21.50	-	-	16.20	14.40	15.10	13.60	14.20
1993	13.50	13.50	13.90	14.00	14.00	14.00	-	-	17.30	16.00	18.50	17.40	17.40
1994	16.80	17.40	17.40	17.90	18.00								

1/ Wheat, Oats, and Apples: July through June. Corn: October through September.

2/ Starting July 1985, price is equivalent packinghouse door rather than price at point of first sale.

**Table 99. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1984 to Date (Continued)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. 1/
ALL HAY BALED (Dollars per ton)													
1984	83.00	87.00	90.00	88.00	87.00	80.00	80.00	81.00	82.00	82.00	83.00	85.00	81.50
1985	82.00	80.00	82.00	80.00	81.00	77.00	72.00	71.00	76.00	76.00	75.00	76.00	75.50
1986	77.00	76.00	77.00	76.00	78.00	80.00	79.00	79.00	78.00	74.00	68.00	67.00	70.50
1987	64.00	63.00	66.00	67.00	64.00	62.00	64.00	61.00	75.00	73.00	75.00	76.00	72.00
1988	76.00	76.00	81.00	76.00	66.00	69.00	75.00	69.00	72.00	78.00	87.00	97.00	75.50
1989	77.00	73.00	78.00	76.00	75.00	80.00	64.00	61.00	67.00	83.00	76.00	81.00	75.50
1990	86.00	78.00	74.00	76.00	75.00	73.00	74.00	63.00	70.00	85.00	82.00	79.00	77.00
1991	83.00	83.00	79.00	78.00	77.00	75.00	73.00	74.00	85.00	79.00	79.00	77.00	77.50
1992	81.00	79.00	79.00	80.00	79.00	88.00	82.00	78.00	85.00	93.00	93.00	92.00	88.00
1993	98.00	94.00	89.00	86.00	86.00	88.00	79.00	70.00	92.00	97.00	100.00	95.00	87.00
1994	92.00	94.00	94.00	93.00									
ALFALFA HAY BALED (Dollars per ton)													
1984	90.00	95.00	96.00	96.00	92.00	83.00	83.00	85.00	88.00	87.00	87.00	90.00	2/
1985	88.00	88.00	89.00	87.00	87.00	83.00	78.00	79.00	84.00	85.00	85.00	87.00	2/
1986	89.00	89.00	87.00	84.00	86.00	87.00	87.00	85.00	81.00	78.00	72.00	71.00	2/
1987	70.00	70.00	73.00	77.00	78.00	76.00	70.00	65.00	80.00	81.00	90.00	82.00	2/
1988	82.00	82.00	85.00	80.00	78.00	80.00	82.00	81.00	89.00	100.00	107.00	117.00	2/
1989	95.00	80.00	94.00	86.00	88.00	93.00	70.00	63.00	86.00	96.00	97.00	96.00	88.00
1990	96.00	90.00	85.00	90.00	85.00	85.00	84.00	69.00	78.00	97.00	87.00	86.00	85.50
1991	90.00	90.00	85.00	85.00	84.00	80.00	75.00	80.00	90.00	85.00	87.00	85.00	84.50
1992	95.00	90.00	93.00	90.00	85.00	89.00	87.00	85.00	95.00	95.00	100.00	100.00	95.50
1993	105.00	100.00	98.00	97.00	97.00	91.00	84.00	72.00	96.00	101.00	104.00	103.00	92.00
1994	100.00	100.00	98.00	100.00									
OTHER HAY BALED (Dollars per ton)													
1984	76.00	79.00	80.00	80.00	79.00	77.00	77.00	76.00	78.00	77.00	77.00	77.00	2/
1985	72.00	72.00	75.00	71.00	71.00	68.00	63.00	60.00	63.00	65.00	65.00	65.00	2/
1986	64.00	66.00	71.00	70.00	72.00	73.00	71.00	71.00	72.00	67.00	63.00	63.00	2/
1987	59.00	59.00	58.00	54.00	55.00	56.00	54.00	55.00	70.00	60.00	60.00	62.00	2/
1988	62.00	64.00	67.00	72.00	54.00	58.00	52.00	55.00	51.00	55.00	66.00	61.00	2/
1989	59.00	55.00	61.00	68.00	64.00	68.00	55.00	59.00	57.00	63.00	55.00	53.00	60.50
1990	63.00	64.00	61.00	59.00	68.00	54.00	59.00	59.00	64.00	67.00	68.00	67.00	64.50
1991	73.00	72.00	66.00	68.00	67.00	65.00	70.00	70.00	80.00	75.00	75.00	72.00	72.00
1992	73.00	74.00	73.00	70.00	66.00	70.00	75.00	70.00	75.00	90.00	80.00	80.00	76.50
1993	85.00	80.00	72.00	70.00	71.00	79.00	63.00	66.00	79.00	73.00	83.00	72.00	72.00
1994	77.00	80.00	80.00	78.00									
CABBAGE, UPSTATE, FRESH MARKET (Dollars per cwt. f.o.b. shipping point)													
1984	24.30	30.70	40.30	-	-	18.50	8.60	5.70	5.00	5.00	5.20	5.50	8.25
1985	8.80	8.55	12.00	13.20	-	7.55	7.00	4.50	5.80	4.65	5.90	6.70	7.20
1986	9.10	8.50	8.30	8.85	-	10.60	14.10	10.40	11.40	10.80	10.50	13.00	10.70
1987	10.50	9.40	10.90	9.55	17.90	15.10	9.90	11.60	10.20	9.50	8.85	8.00	9.50
1988	7.90	7.15	7.85	9.60	-	14.20	16.40	12.30	13.90	12.90	12.10	11.60	12.90
1989	9.80	9.00	9.65	11.10	17.40	-	10.10	9.10	8.90	8.60	7.30	11.10	12.10
1990	17.60	16.00	15.60	10.90	-	-	8.40	5.30	4.75	5.15	5.65	4.55	5.10
1991	5.15	4.30	4.25	6.25	-	-	14.90	15.00	11.80	9.40	11.40	10.60	11.70
1992	11.30	12.50	10.30	12.20	-	-	5.20	4.95	5.35	6.15	7.20	7.70	7.80
1993	8.00	8.85	12.20	11.50	-	-	14.80	10.50	8.55	8.10	8.10	7.85	8.75
1994	9.25	9.35	9.85	7.55									

1/ June through May.

2/ Not available.

**Table 99. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1984 to Date (Continued)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. 1/
ONIONS (Fresh Market) (Dollars per cwt. f.o.b. shipping point)													
1984	20.00	21.00	24.60	23.70	23.50	-	-	15.00	13.20	11.50	10.40	10.30	10.70
1985	12.60	9.85	8.90	8.45	9.50	-	14.80	14.80	12.00	10.60	9.90	10.40	11.30
1986	12.60	12.10	10.50	13.20	9.70	9.60	12.00	10.80	14.60	18.50	19.70	18.80	18.30
1987	19.30	23.20	23.90	26.90	25.40	-	-	15.80	15.30	15.50	16.90	17.60	19.10
1988	18.50	24.20	23.50	24.90	-	-	16.20	16.20	17.60	19.40	18.40	19.10	16.50
1989	18.90	17.70	15.10	13.70	-	-	-	18.10	12.60	12.20	12.20	12.00	14.50
1990	13.70	15.50	20.00	19.50	-	-	-	14.60	12.20	11.20	11.30	11.90	13.90
1991	14.70	15.40	21.00	17.80	-	-	-	16.00	16.70	16.00	15.60	16.70	17.60
1992	17.00	19.00	23.70	25.40	-	-	-	27.20	19.10	14.30	13.80	17.40	17.10
1993	19.10	17.40	20.30	21.50	-	-	-	15.20	20.80	19.90	21.00	23.40	21.40
1994	24.80	28.00	24.00	13.30	-	-	-	-	-	-	-	-	-
POTATOES, All (Dollars per cwt.)													
1984	8.55	8.15	8.85	9.60	7.55	7.30	-	8.10	5.95	5.50	5.25	5.55	5.95
1985	5.85	6.25	6.30	6.80	5.95	6.00	-	3.85	4.35	4.10	3.75	3.65	3.85
1986	3.55	4.50	3.45	3.50	3.05	3.80	-	6.40	7.10	7.95	7.45	8.20	7.55
1987	8.30	8.30	8.85	7.80	13.00	-	-	5.65	5.40	5.35	5.30	6.05	5.85
1988	6.10	6.35	6.45	6.65	6.70	-	-	6.85	7.05	7.60	9.60	8.00	8.95
1989	10.10	8.75	11.80	10.60	11.20	-	-	10.70	7.25	7.25	8.80	9.15	8.70
1990	9.85	9.35	8.95	10.20	9.95	-	-	7.60	6.85	6.75	7.20	7.30	7.40
1991	7.85	9.15	8.95	9.05	10.10	-	9.00	9.00	9.00	9.00	7.80	8.80	8.70
1992	8.70	8.65	8.75	9.15	9.30	-	-	6.95	6.30	5.95	6.80	6.45	6.60
1993	6.80	7.15	6.95	7.85	8.50	8.30	-	7.20	6.75	7.15	8.00	8.70	7.45
1994	9.25	9.70	9.85	10.40	-	-	-	-	-	-	-	-	-
POTATOES, LONG ISLAND (Dollars per cwt.)													
1984	8.80	8.50	9.00	8.50	7.00	6.80	-	8.10	5.75	4.85	4.85	4.65	5.40
1985	4.80	4.95	5.00	5.00	5.20	-	-	3.50	3.00	2.80	2.80	2.80	2.90
1986	3.00	2.80	2.80	2.80	2.80	-	-	6.00	6.10	7.40	7.50	7.50	7.10
1987	7.70	7.90	8.00	8.00	-	-	-	5.25	5.20	5.10	5.00	5.20	5.15
1988	5.25	5.20	5.00	5.00	-	-	-	6.85	7.10	7.40	7.50	8.30	8.10
1989	8.50	8.15	11.00	10.80	10.80	-	-	9.95	8.00	7.85	7.60	8.70	8.85
1990	11.00	11.00	11.50	12.20	-	-	-	7.30	6.50	7.55	6.50	6.45	7.00
1991	7.25	7.75	8.00	6.00	-	-	9.00	9.00	9.00	9.00	9.00	9.00	8.95
1992	8.80	8.75	8.90	8.00	-	-	-	7.10	6.60	6.40	6.00	6.15	6.30
1993	6.35	6.65	6.80	-	-	-	-	8.15	7.30	7.70	8.20	9.10	8.05
1994	10.10	10.20	9.10	9.00	-	-	-	-	-	-	-	-	-
POTATOES, UPSTATE (Dollars per cwt.)													
1984	8.40	7.85	8.80	9.95	7.95	7.50	-	8.20	6.00	5.90	5.50	6.40	6.30
1985	6.45	7.00	6.95	7.10	6.25	6.00	-	5.60	5.10	4.80	4.50	4.20	4.45
1986	3.90	5.55	3.80	3.75	3.30	3.80	-	8.00	7.70	8.30	7.40	8.50	7.80
1987	8.50	8.50	9.05	7.80	13.00	-	-	6.00	5.50	5.50	5.50	6.40	6.15
1988	6.50	6.70	6.85	6.70	6.70	-	-	6.85	7.00	7.70	10.50	7.90	9.35
1989	10.70	8.95	12.10	10.60	11.30	-	-	11.00	6.95	7.00	9.35	9.50	8.65
1990	9.30	8.65	8.70	10.10	9.95	-	-	7.80	7.00	6.35	7.45	7.65	7.55
1991	8.00	9.55	9.15	9.40	10.10	-	-	9.00	9.00	9.00	7.40	8.75	8.65
1992	8.65	8.65	8.75	9.25	9.30	-	-	6.90	6.20	5.80	7.10	6.55	6.70
1993	7.05	7.35	7.00	7.85	8.50	8.30	-	6.80	6.60	6.95	7.90	8.55	7.30
1994	8.90	9.50	10.20	11.00	-	-	-	-	-	-	-	-	-

1/ July through June.

**Table 100. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1984 to Date**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. 1/
BEEF CATTLE (Dollars per cwt.)													
1984	35.00	39.30	40.20	39.80	40.60	40.30	38.80	38.10	35.80	34.70	33.50	34.30	37.60
1985	36.60	38.60	38.70	37.50	39.00	37.80	35.20	34.10	33.00	32.80	32.40	32.80	35.50
1986	33.80	34.60	34.10	32.50	35.60	36.00	34.40	33.50	34.70	34.00	33.80	34.10	34.20
1987	36.30	38.40	40.00	41.70	44.40	43.00	42.40	41.60	42.00	42.70	41.70	43.10	41.40
1988	43.90	45.90	45.60	48.00	48.00	44.90	43.30	43.70	44.30	43.40	43.70	44.30	44.80
1989	45.70	47.10	45.60	45.80	46.70	46.80	46.40	46.30	46.90	45.40	45.30	49.10	46.40
1990	49.50	48.90	49.40	49.70	50.60	55.60	53.60	53.70	53.70	52.60	48.60	49.90	51.10
1991	50.00	51.00	49.90	52.50	54.60	53.00	50.30	51.20	49.20	48.20	46.30	46.60	50.00
1992	46.40	48.20	48.00	48.00	50.80	50.30	49.70	48.50	48.80	47.90	45.70	47.30	48.20
1993	48.20	49.80	48.10	48.80	51.90	49.90	49.00	47.10	47.80	50.80	46.40	46.80	48.70
1994	48.40	48.10	47.10	47.30									
STEERS AND HEIFERS (Dollars per cwt.)													
1984	43.20	48.90	47.30	47.40	47.40	47.80	45.10	46.30	42.10	42.90	41.20	44.90	45.30
1985	46.50	44.60	42.00	45.30	45.10	46.20	43.00	42.00	39.60	42.30	42.70	40.60	43.30
1986	41.80	40.80	41.70	39.80	41.80	41.60	42.10	43.60	42.60	40.80	45.30	41.10	41.80
1987	45.40	46.00	47.10	48.40	52.10	52.40	52.50	50.30	54.10	51.60	46.80	50.20	49.60
1988	53.50	55.00	53.40	57.50	57.00	55.30	49.70	54.50	53.00	51.90	51.40	51.80	53.20
1989	55.90	58.80	57.30	58.10	58.30	57.90	56.40	57.10	57.00	56.40	53.70	57.30	57.00
1990	59.40	57.40	58.60	61.20	61.80	70.10	67.70	68.50	67.40	66.70	66.60	66.60	66.50
1991	66.60	67.30	66.90	69.10	68.90	65.30	64.30	63.50	63.10	62.20	60.60	59.20	64.40
1992	60.30	62.90	64.30	63.90	64.40	64.90	64.60	63.50	64.30	63.30	61.60	63.00	63.40
1993	66.50	69.50	67.90	69.00	69.10	66.20	66.00	64.50	65.40	63.30	61.00	63.20	66.20
1994	64.20	63.50	64.70	64.50									
SLAUGHTER COWS (Dollars per cwt.)													
1984	34.50	38.60	39.70	39.20	39.90	39.70	38.30	37.60	35.30	34.20	32.60	33.40	36.90
1985	35.90	38.20	38.50	36.80	38.40	36.90	34.60	33.60	32.60	31.80	31.20	32.10	34.90
1986	33.30	34.20	33.60	31.90	34.70	35.50	33.70	33.10	34.10	33.40	32.70	33.50	33.60
1987	35.40	37.80	39.60	41.10	43.60	42.40	41.60	40.90	41.00	41.90	41.30	42.70	40.70
1988	43.30	45.50	44.90	47.20	47.40	44.40	42.60	43.10	42.60	42.70	42.80	43.70	44.10
1989	45.10	46.60	45.00	44.70	46.00	46.10	45.80	45.70	46.10	44.90	44.80	48.60	45.70
1990	48.90	48.60	48.70	48.90	50.00	51.70	50.70	50.30	49.80	47.50	45.10	46.70	48.70
1991	46.60	48.30	47.50	48.50	51.30	50.70	47.50	48.40	46.50	44.60	43.20	43.90	47.00
1992	43.20	45.30	44.70	44.30	47.00	46.20	45.60	45.50	44.40	43.50	42.60	44.10	44.60
1993	45.20	47.40	44.90	43.70	48.10	47.50	46.70	45.00	43.70	43.20	42.00	42.70	45.00
1994	44.40	45.20	44.20	43.30									
CALVES (Dollars per cwt.)													
1984	73.00	79.10	72.20	74.80	80.30	78.20	63.10	60.10	66.70	71.90	60.60	67.20	70.50
1985	68.70	66.20	60.60	59.10	67.50	72.50	58.60	49.90	49.00	49.40	52.30	50.60	58.70
1986	54.80	60.10	53.70	50.50	67.80	66.90	52.80	50.50	58.70	63.60	59.00	57.70	57.80
1987	59.10	64.80	63.10	71.30	86.00	86.50	78.40	80.50	85.90	90.50	83.50	80.50	77.50
1988	88.30	94.40	88.10	100.00	113.00	103.00	88.20	85.50	94.10	92.50	89.30	86.70	93.20
1989	96.00	105.00	93.30	103.00	119.00	105.00	88.70	87.90	99.50	97.00	94.70	101.00	98.40
1990	105.00	102.00	94.00	117.00	124.00	121.00	108.00	106.00	113.00	93.00	76.10	83.20	104.00
1991	93.80	94.70	110.00	125.00	147.00	142.00	124.00	116.00	112.00	113.00	96.90	92.50	114.00
1992	102.00	110.00	107.00	115.00	107.00	106.00	104.00	90.20	100.00	101.00	89.60	95.80	102.00
1993	106.00	112.00	97.30	100.00	121.00	133.00	114.00	113.00	114.00	105.00	99.00	108.00	111.00
1994	105.00	106.00	96.00	99.00									

1/ January through December.

**Table 100. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1984 to Date (Continued)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. 1/
HOGS (Dollars per cwt.)													
1984	45.60	45.40	45.10	45.50	45.30	47.90	50.80	49.00	46.20	42.80	47.10	46.70	46.30
1985	47.40	46.70	42.90	39.30	39.60	42.30	43.80	42.10	39.30	42.50	42.40	44.30	42.90
1986	44.00	42.00	38.40	38.40	44.30	50.10	55.40	59.30	56.30	57.40	50.10	48.20	47.20
1987	45.20	46.00	44.40	47.30	52.10	55.30	56.30	56.40	50.80	46.10	38.70	38.00	49.10
1988	41.20	43.10	39.40	38.80	43.50	44.50	41.20	42.80	37.90	36.60	36.10	38.30	40.40
1989	39.20	37.90	36.70	34.50	38.00	41.10	42.50	43.00	39.80	43.80	41.80	44.70	39.50
1990	44.00	44.10	46.90	48.90	54.70	55.70	55.30	52.80	50.90	51.50	46.50	44.10	49.40
1991	45.30	48.30	46.60	47.80	48.50	49.80	50.40	47.60	41.70	39.70	33.40	34.10	45.40
1992	33.50	36.70	36.10	35.80	41.20	43.30	41.70	41.20	38.00	38.20	36.80	36.20	38.10
1993	36.90	38.90	40.40	39.40	41.50	43.50	42.40	42.30	44.30	44.30	41.00	36.50	40.80
1994	36.40	42.20	39.90	38.40									
LAMBS (Dollars per cwt.)													
1984	59.30	58.30	55.70	86.60	61.60	57.90	50.60	51.60	54.80	55.20	56.60	59.70	64.10
1985	61.40	66.20	94.40	70.00	67.70	64.70	62.50	61.50	62.60	61.10	62.70	63.50	69.20
1986	66.10	68.00	90.20	100.00	70.20	71.70	68.00	62.30	64.10	59.80	61.00	63.40	71.20
1987	69.80	75.70	74.40	107.00	81.60	81.40	73.00	70.50	69.80	66.70	66.60	69.20	76.50
1988	77.90	77.50	106.00	73.60	83.50	72.20	60.30	61.00	61.20	62.30	59.40	64.40	76.00
1989	69.80	70.00	98.60	84.30	75.50	73.80	65.00	63.00	61.20	58.50	56.50	62.90	72.00
1990	58.20	60.40	86.30	64.80	68.10	64.50	55.60	53.60	52.40	49.20	48.10	48.40	58.90
1991	49.30	46.90	65.10	56.90	59.10	57.50	57.30	48.60	48.90	49.20	46.50	51.80	54.40
1992	56.10	66.50	74.80	82.70	72.50	74.80	60.10	52.60	50.00	54.80	55.50	61.40	66.30
1993	71.80	74.20	74.90	81.30	71.50	66.20	57.70	56.40	60.00	58.40	62.90	62.10	67.30
1994	70.30	63.20	77.30	67.60									
MILK, WHOLESALE (Dollars per cwt.)													
1984	13.60	13.40	13.20	12.90	12.80	12.70	13.20	13.70	14.20	14.50	14.70	14.10	13.50
1985	14.00	13.80	13.30	12.80	12.30	11.80	12.30	12.60	12.80	13.00	12.90	12.70	12.80
1986	12.60	12.50	12.10	11.90	11.70	11.70	12.20	12.90	13.30	13.80	13.90	13.50	12.60
1987	13.40	13.10	12.50	12.10	11.70	11.70	12.20	12.70	13.30	13.50	13.40	12.90	12.70
1988	12.80	12.50	12.00	11.60	11.30	11.10	11.70	12.50	13.30	14.00	14.40	14.20	12.60
1989	14.30	13.90	13.30	12.80	12.60	12.60	13.30	14.10	15.10	16.00	16.70	16.90	14.20
1990	16.40	15.50	14.80	13.90	13.90	14.40	15.00	15.50	15.40	14.30	13.80	12.20	14.60
1991	12.10	11.90	11.80	11.70	11.60	11.70	12.40	12.80	13.30	14.20	14.30	14.20	12.70
1992	13.80	13.20	12.60	12.90	12.90	13.40	13.60	13.80	14.00	13.90	13.60	13.20	13.40
1993	12.70	12.40	12.30	12.60	13.00	13.50	13.10	12.60	12.80	13.20	14.10	13.90	13.00
1994	14.00	13.70	13.80	13.80									
TABLE EGGS (Cents per dozen)													
1984	100.0	86.1	78.7	90.0	61.6	57.6	57.4	54.8	56.1	51.1	59.7	51.4	70.0
1985	48.7	47.9	55.4	48.6	44.5	54.1	51.1	60.0	63.6	65.3	68.9	65.4	55.0
1986	63.2	58.0	68.1	53.8	52.2	46.2	56.1	56.2	59.7	54.9	64.7	60.7	58.2
1987	54.6	50.3	48.7	47.0	40.6	42.9	40.8	44.4	51.2	48.3	47.2	43.5	48.6
1988	41.7	40.1	41.4	37.1	37.6	39.5	55.5	50.8	62.3	50.6	49.3	55.2	45.6
1989	53.3	54.9	74.7	61.2	56.4	57.2	57.4	66.6	67.6	68.0	76.1	86.1	62.2
1990	76.9	66.3	74.7	64.0	51.6	54.4	51.2	59.0	62.6	69.0	70.9	74.0	65.7
1991	71.5	61.7	77.9	60.0	52.0	48.6	64.2	53.0	55.3	58.1	58.3	67.2	61.5
1992	52.5	44.3	48.1	49.8	42.3	49.2	42.3	48.6	54.4	53.8	62.2	60.3	51.3
1993	61.4	54.7	76.3	59.9	53.1	60.4	49.9	56.7	49.3	56.4	59.0	58.3	58.1
1994	52.2	59.3	64.9	54.4									

1/ Hogs and Eggs: previous December through November. Lambs and Milk: January through December.

Table 101. PRICE OF HERD REPLACEMENTS: Milk Cows, Monthly and Marketing Year Average, 1984 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. 1/
MILK COWS FOR HERD REPLACEMENT (Dollars per head)													
1983	1,000	990	980	970	970	980	970	960	910	870	870	850	950
1984	800	800	840	860	850	840	840	830	810	810	800	790	810
1985	800	800	810	820	820	810	800	790	780	750	740	740	790
1986	740	750	740	740	750	770	770	760	750	760	770	770	755
1987	790	790	810	830	840	850	860	860	860	870	870	870	840
1988	880	890	910	920	930	930	930	910	890	900	900	900	910
1989	920	930	960	960	950	960	960	950	960	990	1,010	1,020	960
1990	1,050	1,070	1,070	1,070	1,070	1,080	1,100	1,130	1,140	1,160	1,150	1,060	1,100
1991	1,030	1,010	1,000	1,020	1,030	1,040	1,040	1,050	1,050	1,040	1,030	1,040	1,030
1992	1,050	1,060	1,050	1,060	1,070	1,070	1,080	1,090	1,090	1,090	1,090	1,090	1,070
1993	1,080	1,080	1,090	1,090	1,090	1,090	1,100	1,110	1,110	1,110	1,090	1,100	1,100
1994	1,100	1,100	1,090	1,090									

1/ January through December.

Table 102. PRICES PAID BY FARMERS: Selected Feeds, Quarterly and Annual Average, Northeast, 1984 to Date

Year	Jan.	Apr.	July	Oct.	Annual average	Jan.	Apr.	July	Oct.	Annual average
BEEF CATTLE CONCENTRATE, 32-36% Protein (Dollars per ton)						MIXED DAIRY FEED, 16% Protein (Dollars per ton)				
1984	260	240	270	260	256	210	205	195	183	194
1985	260	240	220	230	236	172	168	161	156	164
1986 1/	240	232	224	210	226	169	169	160	154	163
1987	222	228	232	208	223	155	151	153	152	153
1988	258	241	258	255	253	166	167	196	194	181
1989	290	298	297	297	296	194	194	185	181	189
1990	301	286	277	271	284	184	173	175	175	177
1991	262	283	271	275	273	174	174	168	171	172
1992	272	252	285	269	270	173	174	177	171	174
1993	259	281	279	291	278	172	172	169	172	171
1994	292	289				182	184			
CHICK STARTER MASH (Dollars per ton)						COMPLETE LAYING FEED (Dollars per ton)				
1984	255	255	215	215	233	230	235	215	210	216
1985	205	210	200	205	203	200	191	184	192	190
1986 1/	215	196	198	191	199	196	177	173	158	175
1987	172	186	190	184	183	160	164	171	161	164
1988	207	194	233	238	218	176	172	216	216	195
1989	233	224	253	237	237	212	203	212	199	207
1990	233	230	237	217	229	198	188	198	192	194
1991	202	207	197	203	202	190	186	182	192	188
1992	218	222	214	218	218	194	195	199	189	194
1993	202	211	214	225	213	186	207	201	210	201
1994	224	229				215	216			

1/ Starting with April 1986, prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

Table 102. PRICES PAID BY FARMERS: Selected Feeds, Quarterly and Annual Average, Northeast, 1984 to Date (Continued)

Year	Jan.	Apr.	July	Oct.	Annual average	Jan.	Apr.	July	Oct.	Annual average
BRAN (Dollars per cwt.)						CORN MEAL (Dollars per cwt.)				
1984	10.50	10.50	9.50	9.10	9.68	9.80	9.60	9.80	9.40	9.49
1985	8.70	8.30	8.00	7.60	8.08	8.60	8.50	8.20	7.90	8.21
1986 1/	8.40	8.93	8.30	8.50	8.55	7.70	7.84	7.90	7.10	7.66
1987	8.50	8.20	8.30	7.70	8.18	7.00	6.90	7.30	6.90	7.03
1988	8.80	9.00	9.80	9.80	9.35	7.00	7.40	9.10	9.00	8.13
1989	10.40	10.60	10.10	10.30	10.35	8.90	8.70	8.80	8.60	8.75
1990	10.50	10.10	10.20	9.90	10.18	8.60	8.80	9.20	8.90	8.88
1991	10.00	10.10	9.90	9.70	9.93	8.50	8.50	8.20	8.40	8.40
1992	10.30	10.30	10.10	9.80	10.13	8.40	8.80	8.80	8.40	8.60
1993	10.40	10.40	10.10	10.10	10.25	8.20	8.40	8.40	8.30	8.33
1994	10.40	10.30				9.10	9.50			
MIXED HOG FEED, 14-18% Protein (Dollars per ton)						SOYBEAN MEAL, 44% Protein (Dollars per cwt.)				
1984	240	230	230	222	226	16.00	14.50	14.00	12.00	13.80
1985	204	204	196	196	199	11.50	10.50	9.60	10.50	10.40
1986 1/	198	190	190	178	189	11.00	11.70	11.80	11.70	11.60
1987	176	172	182	178	177	11.70	11.50	12.50	12.30	12.00
1988	187	188	226	226	207	13.90	13.20	18.50	17.00	15.65
1989	224	227	227	224	226	16.70	15.70	15.80	15.30	15.88
1990	219	214	224	217	219	13.70	13.10	13.20	13.00	13.25
1991	212	213	211	208	211	12.70	12.80	12.60	13.50	12.90
1992	213	212	222	214	215	12.70	12.60	12.90	12.60	12.70
1993	210	211	207	213	210	13.10	13.10	13.30	13.90	13.35
1994	224	221				14.70	14.40			
MOLASSES, Liquid (Dollars per cwt.)						STOCK SALT (Dollars per cwt.)				
1984	8.00	7.80	7.30	7.10	7.49	8.20	7.70	7.60	7.40	7.66
1985	7.10	7.00	6.80	6.80	6.89	8.00	8.10	8.10	8.40	8.23
1986 1/	7.00	7.77	7.80	8.60	7.79	8.40	8.73	8.70	8.80	8.60
1987	7.90	7.70	8.50	8.90	8.25	8.80	8.70	8.90	8.70	8.78
1988	7.80	7.90	7.80	7.30	7.70	8.80	9.00	8.80	9.20	8.95
1989	7.80	7.80	7.90	8.00	7.88	9.00	9.40	9.60	9.60	9.40
1990	8.00	8.10	8.20	8.50	8.20	9.60	9.60	9.60	9.60	9.60
1991	8.30	8.30	8.40	8.50	8.38	9.60	9.80	9.80	9.80	9.75
1992	8.40	8.60	8.50	8.50	8.50	9.60	9.60	9.80	9.80	9.70
1993	8.90	9.00	9.10	8.60	8.90	9.60	9.60	9.60	9.60	9.60
1994	8.60	8.80				10.00	10.40			

1/ Starting with April 1986, prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

**Table 103. PRICES PAID BY FARMERS: Fuel, Quarterly and Annual Average.
Northeast, 1984 to Date**

Year	Jan.	Apr.	July	Oct.	Annual average	Jan.	Apr.	July	Oct.	Annual average
<u>GASOLINE, Unleaded, Bulk Delivery 1/</u> (Dollars per gallon)						<u>GASOLINE, Unleaded, at Service Station</u> (Dollars per gallon)				
1984	1.230	1.210	1.230	1.210	1.220	1.250	1.230	1.230	1.210	1.230
1985	1.170	1.180	1.220	1.240	1.210	1.180	1.200	1.250	1.250	1.230
1986 2/	1.240	.888	.850	.820	.942	1.260	.902	.901	.850	.973
1987	.860	.890	.930	.960	.910	.880	.930	.970	.990	.943
1988	.940	.920	.950	.950	.940	.980	.940	.980	.980	.970
1989	.960	1.050	1.110	1.080	1.050	.980	1.050	1.120	1.060	1.050
1990	1.120	1.070	1.130	1.440	1.190	1.070	1.060	1.100	1.420	1.160
1991	1.330	1.210	1.220	1.230	1.250	1.320	1.170	1.210	1.220	1.230
1992	1.180	1.110	1.220	1.200	1.180	1.170	1.120	1.200	1.190	1.170
1993	1.230	1.180	1.190	1.200	1.200	1.160	1.110	1.130	1.140	1.140
1994	1.130	1.110				1.070	1.070			
<u>DIESEL FUEL, Bulk Delivery</u> (Dollars per gallon)						<u>L-P GAS, Per Gallon</u> (Dollars per gallon)				
1984	1.140	1.160	1.130	1.100	1.140	1.070	1.090	1.170	1.110	1.118
1985	1.110	1.070	1.040	1.050	1.080	1.140	1.140	1.150	1.140	1.144
1986 2/	1.150	.845	.709	.690	.840	1.180	.960	.899	.940	.995
1987	.760	.760	.750	.790	.765	.940	.920	.910	.910	.920
1988	.830	.830	.830	.750	.810	.980	.910	.900	.910	.925
1989	.840	.860	.790	.820	.828	.910	.990	.890	.930	.905
1990	1.240	.940	.850	1.290	1.080	1.380	1.050	1.030	1.270	1.180
1991	1.190	.980	.880	.930	.995	1.200	1.060	.980	1.120	1.090
1992	.930	.890	.900	.920	.910	1.080	1.110	1.140	1.080	1.100
1993	.920	.910	.870	.880	.900	1.110	1.150	1.130	1.040	1.110
1994	.860	.890				1.140	1.040			

1/ Prices prior to 1993 represent gasoline, regular, bulk delivery.

2/ Starting with April 1986, prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

**Table 104. PRICES PAID BY FARMERS: Fertilizer, Annual Average,
Northeast, 1984-1993**

Year	5-10-10	10-10-10	10-20-20	15-15-15	Super Phosphate 44-46%	Urea 45-46% N	Ground limestone spread on field
Dollars per ton							
1984	168	176	214	211	231	250	24.30
1985	149	163	198	194	204	238	24.80
1986 1/	138	150	180	178	200	200	23.30
1987	141	152	184	179	204	190	24.30
1988	152	164	206	200	233	208	23.30
1989	157	171	207	205	242	227	24.30
1990	158	172	199	197	207	215	25.30
1991	167	180	205	205	225	243	23.10
1992	152	165	194	193	216	221	25.70
1993	155	163	185	186	201	226	26.60

1/ Starting with 1986, prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, Delaware, and West Virginia.

**Table 105. AGRICULTURAL LABOR: Wage Rates For Hired Workers,
January, April, July, October, and Annual, 1992 to Date 1/**

Year	Type of Work						Method of Pay		
	All hired workers	Field and livestock workers	Field workers	Livestock workers	Supervisors	Other agricultural workers	By hour	Piece-rate	Other
<u>Dollars per hour</u>									
<u>NORTHEAST I</u>									
<u>JANUARY</u>									
1992	6.46	5.72	6.85	5.00	10.46	8.97	6.36	2/	6.58
1993	7.29	6.25	7.24	5.59	11.82	8.56	6.97	2/	7.64
1994	7.05	5.99	7.10	5.35	10.99	7.83	7.25	2/	6.77
<u>APRIL</u>									
1992	6.40	5.82	6.22	5.26	10.28	8.06	6.41	2/	6.39
1993	6.96	6.11	6.78	5.28	11.47	9.63	7.06	2/	6.83
1994	7.20	6.23	6.88	5.68	10.09	7.45	7.24	7.51	7.02
<u>JULY</u>									
1992	6.24	5.79	6.20	5.05	8.55	9.06	6.40	2/	5.82
1993	6.43	5.76	6.00	5.34	9.95	7.62	6.56	2/	6.14
<u>OCTOBER</u>									
1992	6.56	5.93	6.20	5.38	10.29	7.08	6.36	6.73	6.91
1993	6.62	5.92	6.17	5.43	10.63	7.60	6.53	6.35	6.94
<u>ANNUAL</u>									
1992	6.42	5.82	6.29	5.16	9.87	8.04	6.38	2/	6.46
1993	6.76	5.97	6.38	5.41	10.85	8.22	6.72	6.21	6.89
<u>NEW YORK</u>									
<u>JANUARY</u>									
1992	5.52	2/	2/	2/	2/	2/	2/	2/	2/
1993	6.51	5.87	6.55	2/	2/	2/	6.37	2/	2/
1994	6.90	5.88	6.60	2/	2/	2/	7.18	2/	2/
<u>APRIL</u>									
1992	5.85	5.50	5.77	5.20	9.94	6.86	6.14	5.04	5.33
1993	6.28	5.70	6.12	2/	2/	2/	6.28	2/	2/
1994	6.93	6.17	6.45	2/	2/	2/	7.02	2/	2/
<u>JULY</u>									
1992	5.80	5.45	5.82	4.77	7.25	8.93	5.99	6.18	5.23
1993	5.80	5.40	5.66	2/	2/	2/	6.07	2/	2/
<u>OCTOBER</u>									
1992	5.82	5.53	5.66	5.34	9.55	6.69	5.91	5.94	5.62
1993	6.20	5.64	5.85	2/	2/	2/	6.10	2/	2/
<u>ANNUAL</u>									
1992	5.76	5.43	5.76	2/	2/	2/	5.91	2/	2/
1993	6.16	5.63	5.91	2/	2/	2/	6.17	2/	2/

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites.
Northeast I is New York and New England combined.

2/ Insufficient data for this category.

Table 106. AGRICULTURAL LABOR: Number of Workers and Hours Worked, January, April, July and October, 1992 to Date 1/

Year	Number of Workers				Hours Worked Per Week		
	Total	Self-employed	Unpaid workers	Hired	Self-employed	Unpaid workers	Hired workers
Thousands				Hours			
<u>NORTHEAST I</u>							
<u>JANUARY</u>							
1992	88.0	41.0	11.0	36.0	43.6	40.2	40.6
1993	87.0	41.0	11.0	35.0	41.0	33.3	39.2
1994	94.0	46.0	13.0	35.0	41.0	29.8	39.6
<u>APRIL</u>							
1992	104.0	47.0	12.0	45.0	45.9	36.6	39.0
1993	93.0	38.0	12.0	43.0	48.6	38.4	39.4
1994	108.0	49.0	14.0	45.0	43.2	32.6	40.1
<u>JULY</u>							
1992	124.0	52.0	18.0	54.0	45.0	41.2	37.7
1993	135.0	56.0	26.0	53.0	47.6	38.9	42.4
<u>OCTOBER</u>							
1992	116.0	49.0	15.0	52.0	41.9	36.0	41.0
1993	126.0	49.0	20.0	57.0	45.3	32.0	41.2
<u>NEW YORK</u>							
<u>JANUARY</u>							
1992	2/	2/	2/	19.0	2/	2/	2/
1993	51.0	2/	2/	19.0	2/	2/	39.5
1994	57.0	2/	2/	20.0	2/	2/	38.5
<u>APRIL</u>							
1992	62.0	31.0	7.0	24.0	47.9	35.6	37.7
1993	62.0	2/	2/	23.0	2/	2/	39.9
1994	62.0	2/	2/	22.0	2/	2/	40.3
<u>JULY</u>							
1992	73.0	32.0	11.0	30.0	48.2	43.8	36.7
1993	77.0	2/	2/	25.0	2/	2/	45.3
<u>OCTOBER</u>							
1992	66.0	30.0	9.0	27.0	43.2	36.7	43.4
1993	74.0	2/	2/	31.0	2/	2/	42.2

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites.
Northeast I is New York and New England combined.

2/ Insufficient data for this category.

Table 107. COLD STORAGE CAPACITY: Number of Refrigerated Warehouses and Gross Refrigerated Space, by Type, October 1, 1977-1993

Category	1977	1979	1981	1983	1985	1987	1989	1991	1993
Refrigerated Warehouses									
<u>Number</u>									
General Storages:									
Public	48	45	42	43	38	36	42	41	35
Private and Semi-Private	81	97	78	86	77	73	66	64	62
Apple Storages:									
All (Regular and CA)	166	202	194	186	185	186	187	169	161
CA (Controlled Atmosphere)	96	100	101	101	100	104	106	97	101
TOTAL	295	344	314	315	300	295	295	274	271
Gross Refrigerated Space									
<u>1,000 cu. ft.</u>									
General Storages:									
Public	44,791	47,114	40,842	43,810	37,562	48,897	57,910	61,128	53,487
Private and Semi-Private	20,663	24,950	20,320	21,989	20,610	25,275	32,888	31,169	29,003
Apple Storages:									
All (Regular and CA)	25,661	29,676	30,435	30,507	32,232	31,021	32,782	29,489	31,285
TOTAL 1/	91,115	101,740	91,597	96,307	90,404	105,193	123,580	121,786	113,774
Apple Storages:									
<u>1,000 bushels</u>									
CA (Controlled Atmosphere)	4,662	4,775	5,162	5,649	5,970	5,877	6,048	5,750	6,170

1/ Totals may not add due to rounding.

Table 108. COLD STORAGE CAPACITY: Refrigerated Space by Type of Warehouse and Total Capacity, October 1, 1993

Type of Refrigerated Warehouse	Storages	Gross Space			Usable Space		
		Cooler	Freezer	Total	Cooler	Freezer	Total
	<u>Number</u>	<u>1,000 cu. ft.</u>					
<u>General Storages:</u>							
Public	35	10,999	42,487	53,487	7,545	28,075	35,620
Private and Semi-Private	62	16,313	12,690	29,003	13,049	9,152	22,201
<u>Apple Storages:</u>							
All (Regular and CA)	161	31,285	-	31,285	24,480	-	24,480
TOTAL 1/	271	58,597	55,177	113,774	45,074	37,227	82,301

1/ Totals may not add due to rounding.

1993 WEATHER SUMMARY

JANUARY temperatures were above normal once again to start off 1993. Average temperature was 5.2 degrees above normal, making this the fifth consecutive January to average warmer than normal. Precipitation was 118 percent of normal. Northern areas tallied the largest departures.

FEBRUARY provided the cold and snowy weather for which New York is notorious. Average temperature was 6.7 degrees below normal, making it the coldest February since 1979. Precipitation averaged 105 percent of normal. The Champlain and St. Lawrence Valleys were the wettest, the Western Plateau the driest.

MARCH was the second month in a row that was significantly colder than normal. Average temperature was 3.6 degrees below normal. Coldest temperatures occurred between the 18th and 20th. A reading of 17 degrees below zero was recorded in Ithaca on the 19th, not only a record for that day but also a record for the coldest reading ever in the month of March. Precipitation was above normal, due in large part to the blizzard. The state averaged 140 percent of normal, the wettest March since 1980.

APRIL was the first month of the year to be warmer than normal, averaging 1.4 degrees above average. This was the third wettest April on record. Precipitation averaged 165 percent of

normal. It was wettest in the St. Lawrence Valley, driest in the Coastal Division.

MAY was the sixth driest on record with only 46 percent of the normal precipitation falling. The Hudson Valley was the driest region. Temperatures averaged 1.2 degrees above normal. The month began unseasonably warm but at mid-month cool weather moved in and prevailed.

JUNE was near normal in respect to both temperature and precipitation. Temperatures averaged 0.3 degrees cooler than normal and precipitation was 99 percent of normal. The Coastal Division was driest, receiving only 57 percent of normal.

JULY precipitation averaged only 69 percent of normal, the third consecutive dry month. The Eastern Plateau and Coastal Division received only 51 and 52 percent of normal, respectively. The month began with an oppressive heat wave. By mid-month, temperatures moderated. Temperatures averaged 1.9 degrees above normal for the month.

AUGUST saw dry weather continue as precipitation was just 71 percent of normal, averaging 2.2 degrees warmer than average. No freezing temperatures were reported during the month.

SEPTEMBER brought cool, damp weather replacing the warm

dry conditions of the past summer. Precipitation averaged 128 percent of normal. Temperatures started warm but quickly changed to below normal. The month averaged 0.6 degrees below normal. Frost and freezing temperatures occurred during the month.

OCTOBER was cool with an early-season storm bringing a taste of winter. Temperatures were 1.9 degrees below normal. Precipitation was 101 percent of normal. Record low temperatures were set or tied in many locations during the month.

NOVEMBER weather swung from extremely cold to record breaking warmth during the first half of the month. The two extremes canceled each other out and the monthly average was 0.6 degrees below normal, the third consecutive month with below normal temperatures. Precipitation was slightly above normal. Heavy rain fell at the end of the month. Coastal areas were driest with only 59 percent of normal. The Western Plateau was the wettest with 138 percent of normal.

DECEMBER temperatures were near or above normal during most of the month. An arctic blast at the end of the month tipped the scales, yielding monthly averages slightly cooler than normal. Precipitation was 92 percent of normal, with the Coastal Division recording the heaviest amounts and the Champlain Valley receiving the least. Heavy, wet snow fell in central and coastal areas on the 21st.

**Table 109. TEMPERATURE: Departures From Normal by Months
at Selected Stations, 1993**

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Degrees F.</u>												
Albany	6.0	- 5.2	- 2.9	2.0	.8	- .6	1.3	2.1	-.8	-1.6	-1.3	.8
Batavia	3.8	- 6.2	- 5.4	1.6	- .1	- .3	1.8	2.3	-2.6	-1.8	-1.7	-.6
Binghamton	4.5	- 4.7	- 4.1	.4	1.0	-1.3	.5	1.1	-2.3	-2.5	-1.3	-1.2
Bridgehampton	3.5	- 4.1	- 2.4	1.2	2.6	2.3	3.0	1.6	.7	-1.5	-.3	.3
Buffalo	5.9	- 3.8	- 3.1	2.1	.4	.1	2.3	3.0	2.5	-1.9	-.9	.4
Canton	2.5	-10.7	-4.1	-.7	.9	-.9	1.7	2.1	-1.1	-3.3	-1.5	-.1
Chazy	2.5	- 9.3	- 4.2	-.1	.8	-1.4	1.1	2.0	-1.0	-2.1	1/	1/
Cooperstown	3.8	- 7.2	- 4.6	1.6	.1	-1.5	.6	1.5	-.9	-2.2	-1.8	-1.2
Dansville	4.3	- 6.4	- 5.0	.8	.6	-.1	3.4	.6	-1.4	-3.7	-2.4	-2.5
Elmira	6.3	- 3.9	- 4.7	1.1	2.1	.4	2.9	2.2	.5	-1.5	-1.1	-1.5
Fredonia	5.8	- 3.1	- 4.4	2.1	.6	-.1	2.0	2.2	-2.0	-1.0	-.9	-.7
Geneva	4.7	- 5.8	- 6.1	.5	.6	-.2	1.1	1.1	-1.5	-2.7	-2.3	-1.7
Glens Falls	5.6	-6.8	- 4.3	1.6	1.2	-.4	1.1	2.5	-.7	-1.8	-1.2	1.7
Gloversville	6.1	- 6.1	- 2.9	.8	.2	1/	1.1	1.3	-.6	-3.0	-.4	1.4
Ithaca	5.2	- 6.2	- 6.1	.7	1.1	-.2	1.5	1.3	-.4	-2.3	-1.1	-2.3
Liberty	4.5	- 5.4	- 4.2	-.4	.7	-1.7	.4	.5	-1.4	-3.6	-1.3	-.6
Little Valley	4.5	- 5.7	1/	1.6	1/	-.5	1.0	.4	-2.1	-2.5	-1.5	-2.6
Lowville	6.0	- 8.2	- 4.5	.2	-.3	-2.5	1.2	2.3	-.7	-2.0	-.8	-1.5
Massena	2.6	-11.0	- 3.5	.5	2.5	1.0	3.7	3.8	.2	-.9	.1	2.4
New York City	4.8	- 2.8	- 2.7	.8	3.0	1.7	3.4	1.7	-.9	-1.5	1.2	.7
Riverhead	4.5	- 2.4	- 2.4	1.2	2.8	.9	2.4	.9	.7	-1.7	1/	-.1
Rochester	3.9	- 5.9	- 4.3	1.0	-.5	.4	2.2	3.4	-2.7	-3.1	-1.6	-.8
Syracuse	5.1	- 7.0	- 3.8	1.2	.9	-.1	2.1	2.3	-1.5	-2.5	-1.9	-1.4
Utica	5.2	- 6.5	- 3.8	1.2	-.3	-1.6	.1	1.1	-2.0	-2.1	-1.3	-.1
Watertown	5.3	- 7.7	- 4.2	.5	.1	-1.3	1.5	2.3	-.7	-1.7	-.7	1.3

**Table 110. PRECIPITATION: Departures From Normal by Months
at Selected Stations, 1993**

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Inches</u>												
Albany	-.22	.59	2.19	2.40	-2.04	-.75	3.37	-1.93	.27	.48	.57	.15
Batavia	1/	-.34	-.26	-.86	-2.29	.16	-.54	-.93	1.80	-.16	-.08	-1.04
Binghamton	-.29	.38	.86	3.97	-1.37	.39	-1.25	.92	.60	.52	.31	.3
Bridgehampton	-1.83	.34	3.12	-.54	1/	-1.69	-.42	-.93	3.07	.89	-1.67	2.15
Buffalo	1.65	-.39	.34	-.32	-1.35	.44	-1.30	-.31	2.04	.60	-.25	-.07
Canton	1/	.54	-.26	2.69	-1.38	.95	-1.37	-1.70	2.03	-.12	-.33	-.33
Chazy	1/	1/	1/	1/	-.12	-.20	.77	-2.45	.90	.04	1/	1/
Cooperstown	.54	.46	1.11	3.64	-2.73	.17	-1.59	-.02	-.02	.05	1.52	-.12
Dansville	.20	-.26	.32	.75	-1.89	1/	1/	1.04	-.25	1/	2.09	-1.54
Elmira	-.29	-.94	2.17	6.01	-2.06	1.49	-1.45	-.51	.91	-.72	1.04	-.27
Fredonia	1.55	-.07	-.28	-.64	-1.79	.33	-1.00	-1.13	.73	.68	.43	-.44
Geneva	.03	-.61	1.47	2.37	-1.46	-.96	.12	-1.36	.32	-.73	.73	-.86
Glens Falls	-.03	.48	1.15	2.40	-2.09	.73	-2.12	-1.73	.97	-.39	.35	1/
Gloversville	.13	1.20	1.63	3.65	-2.91	.28	-.99	-.68	.15	.18	1/	-.11
Ithaca	1/	.69	.09	.40	-1.76	.84	-1.08	-.97	.97	-.83	.88	-.52
Liberty	1/	1/	1.76	1.49	-2.98	-1.39	-2.03	-1.71	2.68	.35	1.22	.13
Little Valley	.83	-.22	-.06	-.43	-2.93	.09	.62	-2.54	2.49	-.94	1.23	-1.16
Lowville	.51	.55	-1.21	3.64	1/	-.19	-2.48	-2.34	1.64	.21	.35	-.75
Massena	2.25	.42	.33	4.71	1.05	3.13	-1.36	-.28	1.14	1.16	.63	-.36
New York City	.02	-.46	2.56	.08	-2.86	-2.18	-2.65	1.40	1.36	.99	-2.27	1.04
Riverhead	1.91	.22	3.49	-.04	-3.14	1.19	-.99	1/	1.40	1.02	-.27	1.34
Rochester	2.32	-.58	.16	.46	-1.48	-.24	1.04	-1.73	4.42	.77	.35	-1.13
Syracuse	.74	.30	.98	3.22	-1.03	-.86	.95	1.20	.04	-.33	-.53	1/
Utica	.35	-.32	1/	3.33	-1.03	.04	1/	1.48	-1.22	.60	.14	.14
Watertown	1/	1.18	-.08	3.17	-.05	1.26	-.25	-2.03	2.34	.33	.22	1.16

1/ Data not available.

Weather Information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

**Table 111. TEMPERATURE: Monthly Average Temperatures
at Selected Stations, 1993**

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Degrees F.												
Albany	26.6	18.3	31.4	48.4	59.5	66.3	73.1	71.7	60.5	48.6	38.4	27.3
Batavia	27.2	18.4	29.2	47.7	57.4	66.2	72.6	71.0	59.5	49.8	39.0	28.0
Binghamton	25.6	18.0	28.5	44.8	56.8	62.9	69.7	68.3	57.3	46.3	37.0	25.3
Bridghampton	33.4	27.0	35.8	47.8	58.8	67.8	74.5	72.6	64.8	52.5	44.7	35.5
Buffalo	29.5	20.7	30.7	47.3	57.0	66.0	73.4	72.0	59.4	49.2	39.6	29.5
Canton	17.3	5.8	24.5	41.4	55.2	62.3	70.0	68.1	57.0	43.6	34.5	20.8
Chazy	18.6	8.8	25.3	43.0	56.2	63.0	70.2	68.6	57.3	45.4	34.9	21.1
Cooperstown	24.2	15.0	27.7	45.1	55.0	62.7	68.4	67.7	58.0	46.2	36.2	24.6
Dansville	28.1	18.5	22.4	46.2	57.1	65.4	73.7	69.1	60.0	47.1	38.5	27.0
Elmira	24.1	20.1	29.3	46.2	58.0	65.1	72.6	69.9	60.8	47.5	38.5	26.9
Fredonia	30.7	22.5	30.9	48.2	57.8	66.3	72.9	71.4	61.2	51.9	41.5	30.2
Geneva	27.0	17.5	27.1	45.4	56.7	65.0	71.5	69.7	59.8	47.5	37.7	26.3
Glens Falls	24.7	16.2	30.1	46.7	57.0	64.3	70.9	69.9	58.3	45.9	36.0	25.6
Gloversville	24.1	13.8	27.9	44.8	55.9	1/	70.2	68.3	58.3	45.0	1/	25.5
Ithaca	26.7	16.4	26.8	44.7	56.1	63.7	70.1	68.2	59.4	46.7	38.1	25.3
Liberty	24.9	17.1	28.0	43.3	55.2	61.2	68.2	66.5	57.0	44.2	36.4	25.1
LittleValley	25.2	15.8	1/	44.7	53.2	61.6	67.6	65.5	56.3	45.4	36.4	24.1
Lowville	21.6	9.1	24.3	42.1	53.6	60.4	68.7	67.6	56.6	44.7	34.6	20.7
Massena	16.9	5.5	24.8	43.2	57.7	64.9	72.9	70.3	58.2	46.1	35.4	22.6
New York City	36.3	30.8	39.7	53.3	65.7	73.3	80.2	77.2	67.3	56.0	48.8	37.3
Riverhead	34.9	29.2	37.2	49.9	62.1	69.3	75.9	73.5	66.6	53.9	45.9	35.6
Rochester	27.0	18.7	30.0	46.9	56.6	65.5	72.4	71.4	59.0	48.0	38.9	28.3
Syracuse	27.5	17.0	30.1	46.9	58.0	65.2	72.5	70.7	60.0	48.2	38.6	26.9
Utica	25.3	15.3	28.4	45.9	56.0	63.3	70.3	69.3	58.3	47.0	37.3	25.7
Watertown	23.3	11.7	26.8	44.3	54.3	62.4	70.1	69.1	58.5	46.7	37.2	25.4

**Table 112. PRECIPITATION: Monthly Precipitation
at Selected Stations, 1993**

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Inches												
Albany	2.14	2.86	5.12	5.39	1.37	2.87	6.55	1.54	3.22	3.31	3.80	3.08
Batavia	1.93	1.49	1.76	2.21	1.02	3.92	2.43	2.91	5.45	2.80	2.97	1.42
Binghamton	2.11	2.71	3.68	7.10	1.99	3.99	2.30	4.28	3.92	3.41	3.59	3.30
Bridghampton	2.35	4.19	7.23	3.43	1.12	1.90	2.58	2.52	6.53	4.28	2.86	6.46
Buffalo	4.35	1.92	3.02	2.55	1.79	4.99	1.78	3.86	2.04	3.69	3.58	3.60
Canton	2.89	2.41	1.85	5.54	1.60	4.23	2.00	2.48	5.88	3.13	3.10	2.43
Chazy	.73	2.18	.21	4.09	2.84	2.84	4.15	1.63	3.99	2.93	2.22	1.75
Cooperstown	2.97	2.63	4.15	6.93	.92	4.35	1.93	3.48	3.70	3.10	4.91	2.97
Dansville	1.60	1.20	2.11	3.56	1.02	1.84	2.90	4.26	3.11	1.57	4.75	.59
Elmira	1.50	1.06	4.49	8.10	1.14	1.49	1.92	2.54	3.99	2.08	3.99	2.04
Fredonia	3.81	2.01	2.35	2.52	1.34	.33	2.60	2.84	5.38	4.59	4.68	2.96
Geneva	1.79	1.17	3.53	5.28	1.54	-.96	3.07	1.78	3.54	2.17	3.79	1.61
Glens Falls	3.25	3.02	4.15	6.58	1.51	3.91	.84	1.92	2.12	2.50	3.43	1/
Gloversville	2.97	3.85	4.92	7.19	1.09	.28	2.78	3.25	3.92	3.52	1/	3.44
Ithaca	1.19	1.31	3.16	8.16	1.55	4.61	2.37	2.41	4.50	2.42	3.96	2.05
Liberty	4.23	2.68	5.28	5.85	1.65	-1.39	2.23	2.71	6.59	4.07	5.49	4.10
LittleValley	3.56	2.88	3.40	3.39	1.01	4.64	4.65	1.93	7.17	3.13	6.06	3.59
Lowville	3.56	3.05	1.57	6.74	2.42	3.33	.85	1.46	5.41	3.63	4.42	2.94
Massena	4.38	2.41	2.48	7.36	3.58	6.27	1.81	3.46	4.63	3.97	3.76	2.83
New York City	3.44	2.81	6.64	4.28	1.56	-2.18	1.10	5.41	5.25	4.55	2.20	4.95
Riverhead	2.05	3.79	7.40	4.02	.65	-1.25	2.36	1.24	7.61	4.53	4.03	5.48
Rochester	2.32	1.52	2.44	3.07	1.24	2.76	1.67	1.67	4.37	3.21	3.27	1.60
Syracuse	3.08	2.45	3.75	6.55	2.25	2.93	4.76	4.71	3.83	2.91	3.19	3.20
Utica	3.82	2.70	3.92	6.89	2.62	4.14	3.17	5.28	3.11	3.97	4.41	4.38
Watertown	4.00	3.61	2.50	6.08	2.64	3.10	1.69	1.25	5.60	3.09	3.53	3.37

1/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

**Figure 5. AVERAGE DATE OF THE
LAST SPRING 32°F FREEZE**

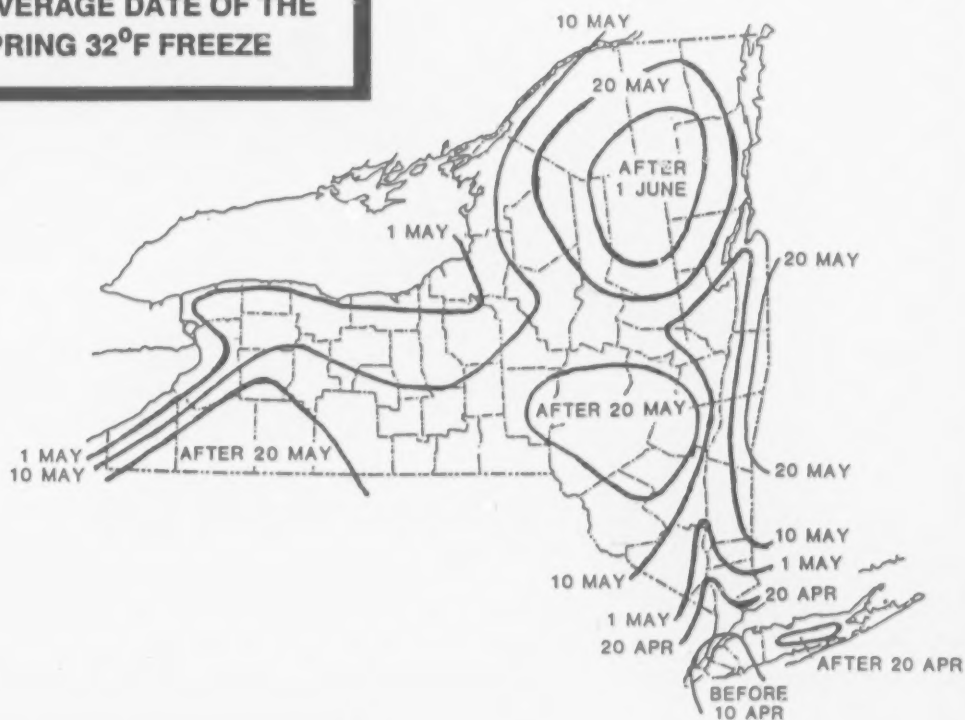


**Figure 6. AVERAGE DATE OF THE
FIRST AUTUMN 32°F FREEZE**

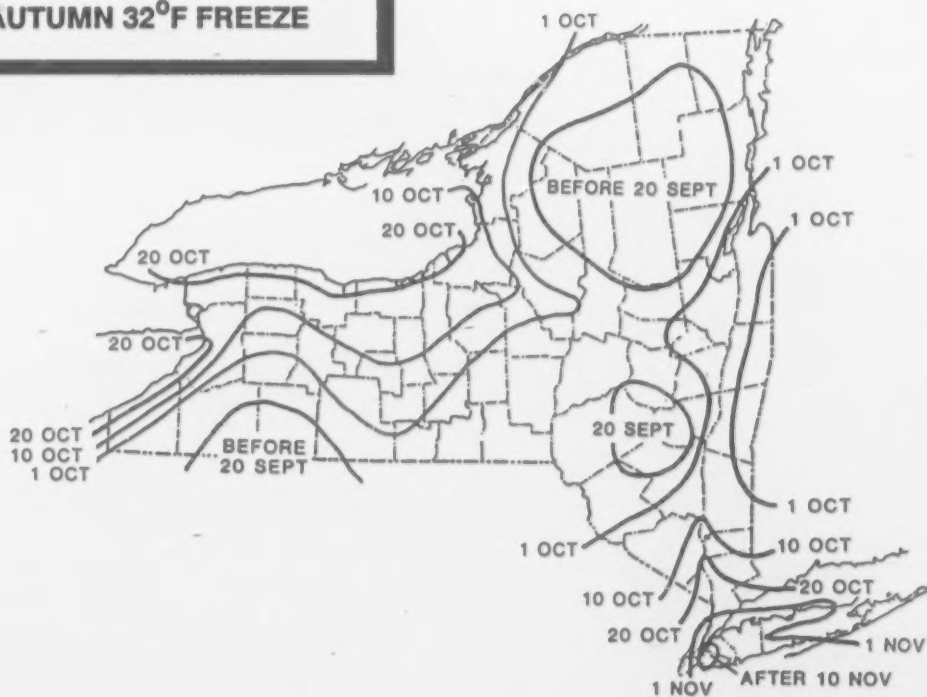


Table 113. TEMPERATURES: Average Monthly Soil Temperatures at Selected Stations, January-December 1993

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Degrees F.</u>												
HUDSON VALLEY												
<u>VALATIE</u>												
4" Max.	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
4" Min.	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
8" Max.	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
8" Min.	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
ST. LAWRENCE VALLEY												
<u>CANTON</u>												
4" Max.	31.1	31.6	32.0	42.5	58.6	66.9	73.7	74.6	65.3	51.2	41.9	1/
4" Min.	31.9	31.4	32.0	38.2	52.7	61.0	67.6	67.2	60.6	47.2	38.9	1/
8" Max.	32.1	32.0	32.0	40.7	54.9	63.3	70.0	70.5	68.2	49.6	41.3	1/
8" Min.	32.0	32.0	32.0	38.2	52.4	60.1	66.9	66.5	61.1	48.0	39.7	1/
CENTRAL LAKES												
<u>GENEVA</u>												
<u>Bare Ground</u>												
4" Max.	35.1	32.8	33.8	49.2	64.6	76.4	85.0	85.1	71.6	57.2	45.2	1/
4" Min.	31.6	30.0	31.2	37.8	52.7	58.3	66.2	65.4	55.5	41.7	35.0	1/
8" Max.	35.7	33.8	34.0	46.5	62.0	71.3	79.6	79.5	68.4	55.9	45.4	1/
8" Min.	32.4	30.8	31.5	38.6	53.6	59.9	67.3	66.6	58.0	44.9	37.1	1/
<u>Sod</u>												
4" Max.	34.9	32.4	33.2	46.2	66.6	69.9	77.9	76.4	66.9	53.8	43.7	1/
4" Min.	32.3	30.1	31.2	38.7	51.4	59.5	67.3	66.8	59.0	46.2	37.5	1/
8" Max.	35.5	33.2	33.6	44.2	62.6	66.4	73.9	73.4	65.7	53.5	44.0	1/
8" Min.	33.1	31.0	31.8	39.2	52.2	60.1	67.6	67.4	60.2	47.9	39.2	1/
ITHACA												
4" Max.	34.1	31.9	32.8	46.1	61.0	68.7	76.0	75.4	66.6	52.8	43.7	1/
4" Min.	33.6	30.9	32.5	40.1	54.1	61.2	68.4	67.4	62.2	49.5	40.5	1/
8" Max.	34.5	32.2	32.6	44.1	58.6	65.8	74.4	74.1	67.6	54.2	45.1	1/
8" Min.	34.1	31.9	32.3	40.4	54.5	61.9	70.4	70.0	65.1	52.3	43.0	1/

1/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

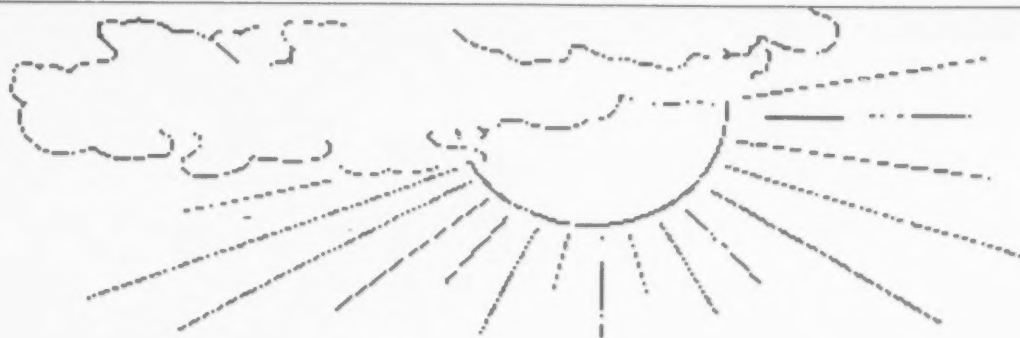


Table 114. HEATING DEGREE DAYS: Selected Stations, January-December 1993 1/

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Albany	1,183	1,300	1,034	492	185	67	1/	11	185	500	791	1,161
Batavia	1,177	1,299	1,101	510	243	65	1	13	212	465	771	1,135
Binghamton	1,214	1,311	1,126	599	257	108	11	27	249	576	834	1,223
Bridgehampton	975	1,058	895	509	191	33	2	1/	95	379	604	909
Buffalo	1,095	1,235	1,053	526	257	60	1/	8	212	486	752	1,089
Canton	1,472	1,654	1,252	703	316	128	10	35	271	655	912	1,365
Chazy	1,434	1,572	1,221	654	267	95	5	25	239	597	898	1,354
Cooperstown	1,259	1,395	1,151	591	303	126	23	27	237	574	854	1,243
Dansville	1,121	1,297	1,095	554	247	75	3	25	190	547	792	1,171
Elmira	1,106	1,251	1,099	560	223	75	2	18	176	535	789	1,175
Fredonia	1,057	1,183	1,051	499	234	84	4	6	160	405	700	1,068
Geneva	1,171	1,324	1,165	583	261	87	7	24	201	540	812	1,195
Glens Falls	1,309	1,447	1,151	578	253	89	1	20	237	588	862	1,214
Gloversville	1,260	1,430	1,136	601	281	1/	1	25	235	614	1/	1/
Ithaca	1,183	1,354	1,177	605	274	113	19	31	208	561	799	1,222
Liberty	1,237	1,338	1,140	645	300	140	27	42	259	637	852	1/
Little Valley	1,225	1,369	1/	620	361	137	45	49	278	599	852	1,261
Lowville	1,338	1,563	1,255	677	347	165	20	36	274	625	905	1,369
Massena	1,487	1,665	1,239	648	239	78	1/	13	227	580	882	1,308
New York City	882	953	779	347	57	14	1/	1/	65	275	483	852
Riverhead	928	999	854	447	115	31	1/	1/	77	335	570	904
Rochester	1,158	1,289	1,077	538	263	66	1/	10	214	525	775	1,127
Syracuse	1,156	1,337	1,074	537	230	68	2	10	190	515	785	1,172
Utica	1,222	1,386	1,132	568	277	101	4	19	232	555	822	1,211
Watertown	1,269	1,508	1,214	607	329	113	9	22	224	560	838	1,219

1/ One heating degree day is accumulated for each whole degree that the daily mean temperature is below 65 degrees Fahrenheit.

2/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

Table 115. FERTILIZER: Consumption by Kind, Years Ended June 30, 1984-1993 1/

Kind of Fertilizer	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
1,000 tons										
Total Fertilizer, All Kinds	654.7	707.3	604.7	593.5	539.0	544.4	657.9	575.3	670.7	596.1
Single Nutrient Fertilizers, Total	219.9	232.3	194.3	149.8	161.7	163.3	217.5	197.5	290.4	279.7
Nitrogen Materials, Total	110.9	120.1	100.7	85.9	85.0	85.9	124.5	119.7	191.7	192.5
Anhydrous ammonia	10.4	16.2	10.9	11.7	6.9	7.0	11.6	9.1	6.9	6.1
Nitrogen solutions	47.5	58.0	48.3	36.2	37.8	38.5	56.3	57.2	53.4	57.6
Urea	28.6	27.0	22.2	26.0	22.5	22.8	30.9	25.7	46.9	50.3
Ammonium nitrate	16.9	13.0	10.1	5.0	12.4	12.5	17.6	14.1	11.7	11.0
Ammonium sulfate	1.8	2.9	2.1	2.8	2.1	2.2	4.1	6.1	5.2	5.6
Other nitrogen materials	5.6	3.0	7.0	4.3	3.2	3.0	4.1	4.9	67.4	61.8
Phosphate Materials, Total	39.0	10.3	8.5	7.8	6.8	6.9	5.3	8.8	7.4	4.5
Superphosphates	25.7	9.6	5.6	7.1	5.2	5.3	5.1	3.5	5.9	4.4
Other phosphates	13.3	.7	3.0	.7	1.5	1.6	.2	5.3	1.4	.1
Potash Materials, Total	70.0	101.9	85.1	56.1	69.8	70.5	87.7	69.0	91.4	82.7
Potassium chloride 2/					43.7	44.2	54.7	49.9	65.2	60.2
Potassium sulfate 2/					22.4	22.6	29.1	16.9	22.3	17.1
Other potassium 2/					3.7	3.7	3.9	2.2	3.9	5.4
Multiple-Nutrient Fertilizers, Total	416.4	447.3	395.6	412.2	356.2	359.8	401.9	343.5	360.8	306.2
Secondary and Micronutrients, Total	4.7	4.7	2.8	13.4	4.6	4.7	2.6	6.8	2.3	1.7
Natural Organics, Total	13.7	23.0	12.1	18.1	16.5	16.6	35.7	27.4	17.2	6.6

Table 116. FERTILIZER: Consumption of Primary Plant Nutrients, Years Ended June 30, 1984-1993 1/

Year	Multiple-Nutrient Grades				All Fertilizers			
	N	Available P ₂ O ₅	K ₂ O	Total	N	Available P ₂ O ₅	K ₂ O	Total
1,000 tons								
1984	47.6	68.8	60.5	176.9	92.3	85.0	101.2	278.5
1985	49.6	73.7	59.1	182.4	97.2	78.2	107.0	282.3
1986	50.4	62.6	54.9	167.9	88.4	65.6	103.6	257.7
1987	49.6	63.7	65.5	178.8	85.0	66.4	98.3	249.7
1988	43.6	58.3	51.4	153.2	76.5	60.5	89.8	226.8
1989	43.6	58.7	51.5	153.7	76.8	60.9	90.3	228.0
1990	43.2	66.1	45.3	154.5	92.2	68.3	93.7	254.1
1991	34.2	51.3	35.4	120.9	78.9	53.8	74.3	207.0
1992	45.3	69.7	44.0	159.0	94.9	72.5	95.3	262.7
1993	40.3	60.0	37.5	137.7	92.9	62.0	83.5	238.4

Source: National Fertilizer and Environmental Research Center, Tennessee Valley Authority (TVA). Information provided by State Fertilizer Regulatory officials. Data for years prior to 1985 compiled from the same sources by the National Agricultural Statistics Service (NASS), U.S.D.A. 1/ May not add due to rounding. 2/ Data not available prior to 1988.

Table 117. POPULATION: Resident Population, July 1, New York and United States, 1983-1993

Year	New York	United States	Year	New York	United States
Thousands			Thousands		
1983	17,670	234,284	1989	17,950	248,239
1984	17,727	236,477	1990	17,990	248,710
1985	17,762	238,736	1991	18,055	252,137
1986	17,795	241,107	1992	18,119	255,078
1987	17,835	243,419	1993	18,197	257,908
1988	17,909	245,785			

Source: Bureau of Census, U.S. Department of Commerce. 1/ Census count on April 1.

Table 118. PER CAPITA UTILIZATION: Selected Commodities, United States, 1983-1992

Commodity	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Pounds										
VEGETABLES 1/										
Carrots, Fresh	6.5	6.7	6.5	6.5	8.3	7.2	7.9	8.0	7.5	8.1
Carrots, Processed	3.0	4.0	3.2	3.0	3.1	3.4	3.6	3.3	3.7	3.6
Cauliflower, Fresh	1.4	1.8	1.8	2.2	2.1	2.2	2.3	2.2	2.0	2.0
Cauliflower, Processed	.8	.9	.9	.9	.9	1.0	.8	.8	.6	.6
Celery, Fresh	7.2	7.3	7.0	6.6	6.7	7.2	7.5	7.2	6.8	6.5
Dry beans	6.5	5.1	7.1	6.6	5.2	6.9	5.9	6.4	7.6	7.5
Green peas, Processed 2/	4.2	4.0	4.2	4.1	3.7	3.7	3.7	4.2	4.2	4.1
Lettuce	22.4	24.9	23.7	21.9	25.7	27.0	28.8	27.8	26.1	24.1
Onions 3/	13.6	14.5	15.0	15.5	14.7	15.9	16.4	17.2	17.4	17.6
Potatoes, Fresh	49.8	48.3	46.3	48.8	47.9	49.6	50.0	45.9	46.9	48.7
Potatoes, Processed	68.9	73.6	76.1	72.2	78.1	72.8	77.1	81.9	83.8	84.7
Snap beans, Processed	5.6	5.5	5.7	5.4	5.5	5.5	5.9	5.7	5.9	5.8
Sweet Corn, Fresh	6.1	6.4	6.4	6.1	6.3	5.7	6.4	6.5	5.7	6.4
Sweet Corn, Processed	18.2	18.2	19.8	19.7	18.4	19.1	17.9	19.6	20.5	20.9
Tomatoes, Fresh	13.5	14.3	15.0	15.9	15.8	16.8	16.8	15.5	15.4	14.4
Tomatoes, Processed	60.9	68.5	63.2	63.6	65.2	61.3	69.4	70.2	71.4	73.3
FRUITS 4/										
Apples, Fresh	18.3	18.4	17.3	17.8	20.8	19.9	21.4	19.7	18.3	19.3
Apples, Processed	23.3	25.9	26.0	25.4	27.3	27.4	25.3	28.5	25.7	28.6
Peaches, Fresh	5.4	6.7	5.5	5.8	6.0	6.6	5.7	5.5	6.4	5.9
Peaches, Processed	3.1	5.2	4.9	4.7	4.5	5.2	5.1	5.0	5.0	5.5
Pears, Fresh	3.0	2.5	2.8	3.0	3.5	3.2	3.2	3.2	3.2	3.1
Pears, Canned	3.3	3.1	3.4	3.3	4.0	3.5	3.7	4.3	3.8	4.2
Cherries, Fresh	.7	.7	.4	.5	.7	.5	.6	.4	.4	N.A.
Cherries, Processed 5/	.9	1.0	.8	.9	1.3	1.0	1.0	1.1	.8	N.A.
Grapes, Fresh	5.6	6.1	6.8	7.1	7.0	7.7	7.9	7.9	7.3	7.2
Grapes, Processed	38.6	41.6	43.3	46.6	37.8	41.7	38.1	36.2	36.1	38.1
Strawberries, Fresh	2.3	3.0	3.0	2.9	3.1	3.3	3.3	3.3	3.6	N.A.
Strawberries, Processed	1.2	1.2	1.2	1.3	1.3	1.3	1.5	1.4	1.3	N.A.
MEATS 6/										
Beef	78.4	78.2	78.9	78.5	73.5	72.3	69.3	67.8	66.8	66.5
Veal	1.6	1.7	1.8	1.8	1.5	1.4	1.2	1.0	1.0	1.0
Lamb and mutton	1.5	1.5	1.4	1.4	1.3	1.4	1.5	1.5	1.4	1.3
Pork	51.6	51.3	51.7	48.8	49.0	52.2	52.0	49.8	50.4	53.1
DAIRY PRODUCTS 7/										
American cheese	11.6	11.9	12.2	12.1	12.4	11.5	11.0	11.1	11.1	11.3
Italian cheese	5.3	5.8	6.5	7.0	7.6	8.1	8.5	9.0	9.4	10.0
Total cheese 8/	20.5	21.5	22.6	23.1	24.1	23.7	23.8	24.6	25.1	25.9
Cottage cheese	4.1	4.1	4.1	4.1	3.9	3.9	3.6	3.4	3.3	3.1
Ice cream	18.1	18.2	18.1	18.4	18.4	17.3	16.1	15.8	16.3	16.4
Ice milk	6.9	7.0	6.9	7.2	7.4	8.0	8.4	7.7	7.4	7.1
Butter	4.9	4.9	4.9	4.6	4.7	4.5	4.4	4.4	4.2	4.2
Fluid milk and cream 9/	236	238	241	241	239	235	236	233	233	230
POULTRY PRODUCTS										
Chickens 10/	54.0	55.8	58.2	59.4	63.3	65.2	69.2	72.2	74.2	68.4
Turkeys 10/	11.3	11.4	12.1	13.3	15.2	15.9	17.2	18.4	18.0	18.0
Eggs, number	261	261	256	254	254	246	237	235	233	235

Source: Economic Research Service, U.S. Dept. of Agriculture. 1/ Farm weight basis. 2/ In-shell basis. 3/ Includes fresh and processing. 4/ Fresh weight basis. 5/ Excludes brined. 6/ Retail weight basis. 7/ Product weight basis. 8/ Excludes cottage cheese. 9/ Commercial sales and on-farm consumption. Includes whole, lowfat, skim, buttermilk, flavored milk and drinks, cream, sour cream, dips, eggnog and yogurt. 10/ Ready-to-cook weight basis.

Table 119. FARM REAL ESTATE VALUES: Average Value Per Acre of Land and Buildings, by State, 1985-1994 ^{1/}

State	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Dollars										
Northeast										
Maine	774	854	885	962	1,019	1,019	978	931	992	1,081
New Hampshire	1,439	1,682	1,847	2,112	2,237	2,237	2,148	2,045	2,178	2,374
Vermont	947	1,060	1,114	1,124	1,190	1,190	1,142	1,087	1,158	1,262
Massachusetts	2,377	2,761	3,012	3,553	3,763	3,763	3,612	3,439	3,662	3,992
Rhode Island	2,990	3,284	3,389	4,748	5,028	5,028	4,827	4,595	4,894	5,334
Connecticut	3,005	3,372	3,557	4,171	4,417	4,417	4,240	4,036	4,299	4,686
New York	820	843	960	993	1,024	974	1,031	1,051	1,119	1,251
New Jersey	2,951	2,997	3,729	3,969	4,543	4,634	4,912	4,774	4,536	4,840
Pennsylvania	1,427	1,332	1,540	1,579	1,874	1,807	1,757	1,820	1,747	1,910
Delaware	1,596	1,684	1,677	1,765	2,058	2,259	2,248	2,126	2,362	2,641
Maryland	2,197	2,023	2,009	2,261	2,462	2,420	2,196	2,255	2,521	2,866
Lake States										
Michigan	1,108	1,012	924	971	983	1,005	1,085	1,105	1,130	1,212
Wisconsin	944	836	777	826	846	803	853	870	932	975
Minnesota	898	694	587	700	745	805	873	873	896	900
Corn Belt										
Ohio	1,215	1,136	1,097	1,199	1,262	1,204	1,217	1,249	1,267	1,386
Indiana	1,344	1,167	1,061	1,158	1,244	1,244	1,275	1,303	1,366	1,473
Illinois	1,381	1,232	1,149	1,262	1,383	1,389	1,433	1,500	1,503	1,645
Iowa	1,091	873	786	947	1,101	1,102	1,157	1,178	1,245	1,316
Missouri	689	648	604	640	673	679	689	689	715	762
Northern Plains										
North Dakota	373	334	303	319	326	340	368	358	388	409
South Dakota	289	267	238	269	291	328	351	365	370	388
Nebraska	485	416	400	457	523	550	556	569	580	635
Kansas	488	415	373	413	435	462	467	484	494	537
Appalachian										
Virginia	1,112	1,179	1,154	1,198	1,333	1,516	1,295	1,363	1,295	1,338
West Virginia	607	616	633	682	702	613	625	719	696	713
North Carolina	1,331	1,254	1,259	1,263	1,317	1,263	1,243	1,264	1,319	1,349
Kentucky	955	941	876	896	911	981	962	993	1,084	1,144
Tennessee	944	935	936	1,001	1,002	996	988	985	1,049	1,054
Southeast										
South Carolina	898	870	792	871	939	909	948	931	871	923
Georgia	886	853	889	920	998	1,012	995	902	964	983
Florida	1,599	1,537	1,605	1,790	1,887	2,085	2,133	2,062	2,074	2,205
Alabama	797	803	786	800	822	839	791	832	863	964
Delta States										
Mississippi	855	778	685	697	713	728	754	738	757	814
Arkansas	907	779	724	761	778	750	770	724	759	800
Louisiana	1,407	1,191	921	940	954	915	905	905	945	973
Southern Plains										
Oklahoma	597	520	475	480	521	497	486	494	512	534
Texas	694	594	546	544	515	495	481	466	471	493
Mountain States										
Montana	243	233	200	205	209	238	243	252	270	302
Idaho	739	631	552	572	595	661	659	687	691	784
Wyoming	181	159	157	147	142	149	153	138	149	169
Colorado	437	360	368	369	367	358	410	367	383	430
New Mexico	185	161	156	180	191	196	230	239	225	240
Arizona	295	271	299	279	274	263	285	302	305	314
Utah	513	476	451	425	421	389	403	425	464	508
Nevada	244	219	240	227	234	194	219	231	215	229
Pacific States										
Washington	943	840	756	739	757	779	798	792	782	898
Oregon	615	570	541	542	535	571	583	603	657	740
California	1,841	1,730	1,554	1,575	1,657	1,704	1,787	1,765	1,722	1,722
48 States	713	640	599	632	661	668	681	684	699	744

Source: Economic Research Service, U.S. Dept. of Agriculture.

^{1/} Estimates are for April 1, 1985, February 1, 1986-89; and January 1, 1990-94.

These values are based on annual surveys conducted by U.S. Dept. of Agriculture and benchmark data obtained from the Census of Agriculture, U.S. Dept. of Commerce.



COUNTY ESTIMATES



County estimates are published annually by the New York Agricultural Statistics Service for a number of crops, livestock, and farm land use categories. Acreage, yield, and production estimates are made for corn, oats, wheat, and hay. Livestock estimates include the December 1 inventory of hogs and pigs and the January 1 inventory of cattle, beef cows, milk cows, and sheep and lambs on farms, plus the annual average number of cows and total milk production. County estimates of the number of farms and total land in farms, include a breakout of cropland, permanent pasture, and woodland acreage.

Several important sources of information provide the basis for these annual county estimates.

Preliminary estimates of crops, farm land uses and livestock numbers are developed from a large scale survey at the end of each year in which over 15,000 farmers across the state are contacted. County acreage information from the Agricultural Stabilization and Conservation Service also receives consideration in preparing several crop estimates. Annual milk production per cow is based on the combined results of milk production surveys conducted monthly throughout the year. Also, state and federal milk marketing order data by county are used in developing a balance between cow numbers, rates of production, and total milk produced.

Revisions, if necessary, are made after considering data that become

available after the original estimates are prepared. These include administrative data such as milk marketing receipts and the Ag Census. The Census of Agriculture, collected and published every five years by the U.S. Department of Commerce, does not make allowance for incompleteness. For this reason census numbers are generally lower than data published in this publication.

County estimates prepared by the New York Agricultural Statistics Service include allowances for farmers not sampled, non-respondents, inaccessible, and refusals. Milk production totals that exceed reported marketings include a small quantity of milk used on farms where produced. All county level estimates add to state level data shown elsewhere in this publication.

Table 120. FARMLAND: Farms, Land in Farms and Land Use, by County, 1992

County	Number of farms	Land in farms	Total cropland 1/	Permanent pasture 2/	Total woodland 3/	Other land 4/
	Number			Acres		
Albany	470	66,700	41,800	6,000	13,700	5,200
Allegany	815	191,600	97,500	20,000	55,200	18,900
Broome	590	111,900	55,100	14,800	33,400	8,600
Cattaraugus	1,110	228,800	121,100	27,500	63,000	17,200
Cayuga	1,005	258,000	197,900	11,500	32,700	15,900
Chautauqua	1,960	278,800	155,600	25,800	72,500	24,900
Chemung	325	61,000	32,900	4,700	15,900	7,500
Chenango	935	209,600	107,300	27,600	60,500	14,200
Clinton	585	166,000	80,500	14,400	59,500	11,600
Columbia	560	129,600	83,300	8,800	24,200	13,300
Cortland	535	149,400	77,500	22,900	33,700	15,300
Delaware	895	219,400	96,300	38,000	73,700	11,400
Dutchess	615	117,900	66,000	11,600	27,800	12,500
Essex	1,220	164,700	119,200	8,000	27,100	10,400
Franklin	220	57,800	24,500	4,600	24,300	4,400
Fulton	565	155,500	86,500	21,500	39,800	7,700
Genesee	195	36,600	21,000	2,700	8,900	4,000
	675	186,200	154,100	6,200	16,300	9,600
Greene	275	51,500	20,100	8,700	16,500	6,200
Herkimer	710	169,700	104,600	23,700	28,600	12,800
Jefferson	1,055	324,300	212,900	35,700	48,500	27,200
Lewis	715	189,800	107,800	21,200	44,000	16,800
Livingston	755	224,200	170,100	11,000	32,800	10,300
Madison	800	204,300	130,700	25,200	34,600	13,800
Monroe	675	122,800	105,600	4,400	9,500	3,300
Montgomery	630	158,700	121,600	11,400	17,600	8,100
Nassau	60	1,300	600	300	200	200
Niagara	920	142,100	121,700	2,000	9,200	9,200
Oneida	1,280	284,300	172,400	34,300	59,300	18,300
Onondaga	795	166,700	124,200	9,300	18,900	14,300
Ontario	835	194,800	159,900	5,100	17,800	12,000
Orange	780	113,100	69,300	11,200	21,100	11,500
Orleans	585	140,500	118,000	3,500	13,200	5,800
Oswego	745	114,000	69,500	9,300	24,700	10,500
Otsego	1,045	261,400	134,300	36,400	69,000	21,700
Putnam	45	5,200	1,700	600	2,500	400
Rensselaer	535	104,300	60,700	8,600	24,200	10,800
Rockland	30	900	500	0	300	100
St. Lawrence	1,610	438,900	228,000	54,500	123,200	33,200
Saratoga	535	83,000	52,900	5,400	17,700	7,000
Schenectady	185	22,500	11,600	1,600	4,900	4,400
Schoharie	580	129,600	82,300	13,200	28,100	6,000
Schuyler	355	65,900	38,300	6,000	14,100	7,500
Seneca	440	123,000	100,000	2,900	11,200	8,900
Steuben	1,415	384,100	227,600	33,500	94,100	28,900
Suffolk	695	41,300	32,800	500	1,800	6,200
Sullivan	370	56,800	26,900	9,100	17,400	3,400
Tioga	590	126,500	68,600	14,300	33,500	10,100
Tompkins	540	109,000	72,900	8,100	18,200	9,800
Ulster	535	74,300	40,500	5,800	20,200	7,800
Warren	60	8,300	2,000	600	4,500	1,200
Washington	875	238,800	149,900	22,000	54,200	12,700
Wayne	1,100	199,300	146,000	7,400	27,600	18,300
Westchester	120	8,700	3,500	700	2,200	2,300
Wyoming	830	218,500	153,300	11,300	36,600	17,300
Yates	620	108,100	78,600	4,600	15,800	9,100
TOTAL	38,000	8,200,000	5,140,000	740,000	1,700,000	620,000

1/ Includes cropland pastured.

2/ Excludes cropland and woodland pastured.

3/ Includes woodland pastured.

4/ Land in house lots, ponds, roads, wasteland, etc.

Table 121. FARMLAND: Farms, Land in Farms and Land Use, by County, 1993

County	Number of farms	Land in farms	Total cropland 1/	Permanent pasture 2/	Total woodland 3/	Other land 4/
	Number			Acres		
Albany	475	68,800	42,800	5,800	14,100	6,100
Allegany	815	192,900	96,700	19,500	57,200	19,500
Broome	590	112,700	54,400	16,100	33,000	9,200
Cattaraugus	1,105	225,100	120,300	26,700	59,600	18,500
Cayuga	1,005	257,900	195,700	11,700	33,100	17,400
Chautauqua	1,965	279,800	155,000	25,800	74,000	25,000
Chemung	325	62,500	33,600	4,500	16,800	7,600
Chenango	935	210,100	105,100	28,700	60,500	15,800
Clinton	585	164,900	80,800	15,800	55,500	12,800
Columbia	560	128,600	80,200	8,300	25,200	14,900
Cortland	535	149,000	74,300	22,400	35,600	16,700
Delaware	895	218,200	94,400	37,000	74,300	12,500
Dutchess	615	119,100	65,100	12,500	28,700	12,800
Erie	1,220	164,500	117,800	8,500	27,100	11,100
Essex	220	59,600	25,500	4,900	24,600	4,600
Franklin	565	154,800	85,000	20,900	39,300	9,600
Fulton	195	36,600	20,200	2,900	9,300	4,200
Genesee	675	188,700	155,600	6,300	16,200	10,600
Greene	275	53,000	20,400	8,200	18,400	6,000
Herkimer	710	170,100	103,400	23,200	28,900	14,600
Jefferson	1,050	321,800	207,500	32,700	52,600	29,000
Lewis	715	188,400	105,300	21,800	42,000	19,300
Livingston	750	222,000	165,300	9,600	35,700	11,400
Madison	800	202,500	125,900	25,500	35,400	15,700
Monroe	680	124,800	108,100	3,900	8,900	3,900
Montgomery	630	159,300	120,700	12,000	17,700	8,900
Nassau	60	1,400	700	300	200	200
Niagara	930	143,000	122,600	1,600	9,100	9,700
Oneida	1,275	280,800	167,900	32,200	60,000	20,700
Onondaga	800	171,000	124,400	10,400	19,400	16,800
Ontario	830	191,700	156,100	5,000	18,500	12,100
Orange	780	113,700	69,200	11,000	22,200	11,300
Orleans	585	137,400	114,000	3,500	13,500	6,400
Oswego	750	116,200	69,200	10,000	25,100	11,900
Otsego	1,040	256,700	130,100	35,300	67,700	23,600
Putnam	45	5,200	1,800	500	2,500	400
Rensselaer	540	107,800	62,600	7,700	26,200	11,300
Rockland	30	1,000	500	100	300	100
St. Lawrence	1,610	439,400	225,400	49,400	128,300	36,300
Saratoga	535	81,600	52,300	5,300	16,600	7,400
Schenectady	190	23,700	11,900	1,500	5,500	4,800
Schoharie	575	128,100	79,300	13,600	28,100	7,100
Schuyler	355	64,800	38,400	5,100	13,800	7,500
Seneca	435	121,400	99,100	2,800	10,300	9,200
Steuben	1,415	384,400	227,100	34,200	92,600	30,500
Suffolk	695	41,200	32,600	300	1,800	6,500
Sullivan	370	56,300	26,700	8,400	17,500	3,700
Tioga	590	127,500	67,800	13,900	35,000	10,800
Tompkins	540	107,600	70,700	8,500	18,100	10,300
Ulster	535	75,100	39,400	6,200	21,300	8,200
Warren	60	8,800	1,900	700	4,800	1,400
Washington	870	235,200	144,500	23,000	54,100	13,600
Wayne	1,100	202,400	147,700	7,600	28,000	19,100
Westchester	120	9,600	3,800	700	2,400	2,700
Wyoming	830	222,600	155,200	11,500	37,600	18,300
Yates	620	108,700	78,000	4,500	15,800	10,400
TOTAL	38,000	8,200,000	5,080,000	730,000	1,720,000	670,000

1/ Includes cropland pastured.

2/ Excludes cropland and woodland pastured.

3/ Includes woodland pastured.

4/ Land in house lots, ponds, roads, wasteland, etc.

Table 122. HAY: Acreage, Yield, and Production, by County, 1992 1/

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres harvested	Yield	Production	Acres harvested	Yield	Production	Acres harvested	Yield	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
Albany	9,100	2.4	22,000	10,600	1.7	17,700	19,700	2.0	39,700
Allegany	12,400	2.2	27,300	27,000	2.0	55,000	39,400	2.1	82,300
Broome	6,800	2.1	14,100	15,700	1.8	29,000	22,500	1.9	43,100
Cattaraugus	16,900	2.7	46,200	28,400	2.0	55,400	45,300	2.2	101,600
Cayuga	33,500	2.9	96,100	7,500	2.2	16,200	41,000	2.7	112,300
Chautauqua	13,600	2.3	31,300	44,600	2.1	92,400	58,200	2.1	123,700
Chemung	6,200	2.1	13,100	8,500	1.7	14,500	14,700	1.9	27,600
Chenango	18,100	2.4	42,800	32,300	2.0	66,100	50,400	2.2	108,900
Clinton	14,700	2.3	33,100	16,300	1.7	27,800	31,000	2.0	60,900
Columbia	13,100	2.2	29,000	13,000	1.6	20,900	26,100	1.9	49,900
Cortland	17,900	2.3	40,600	16,400	1.8	29,400	34,300	2.0	70,000
Delaware	17,200	2.1	36,800	35,200	1.8	61,700	52,400	1.9	98,500
Dutchess	10,900	2.4	26,000	9,900	2.0	20,100	20,800	2.2	46,100
Erie	15,400	2.4	36,900	22,700	1.9	43,900	38,100	2.1	80,800
Essex	6,700	1.6	10,500	5,600	1.6	8,800	12,300	1.6	19,300
Franklin	14,400	2.4	34,800	26,600	2.1	55,500	41,000	2.2	90,300
Fulton	3,700	2.0	7,300	4,800	1.9	9,200	8,500	1.9	16,500
Genesee	22,000	2.4	51,800	3,300	1.9	6,400	25,300	2.3	58,200
Greene	4,500	2.6	11,900	10,800	1.6	17,800	15,300	1.9	29,700
Hamilton	-	-	-	-	-	-	-	-	-
Herkimer	22,500	2.5	56,000	18,800	2.1	39,500	41,300	2.3	95,500
Jefferson	33,400	2.1	71,200	54,600	2.0	110,900	88,000	2.1	182,100
Lewis	26,700	2.1	55,000	24,900	1.9	48,300	51,600	2.0	103,300
Livingston	20,700	2.6	53,500	7,600	1.6	12,300	28,300	2.3	65,800
Madison	30,100	2.4	71,800	14,500	2.0	29,200	44,600	2.3	101,000
Monroe	12,700	2.1	27,300	2,700	1.7	4,600	15,400	2.1	31,900
Montgomery	26,400	2.4	62,800	25,200	1.8	45,800	51,600	2.1	108,600
Nassau	-	-	-	-	-	-	-	-	-
Niagara	13,400	2.5	33,600	13,900	2.0	28,300	27,300	2.3	61,900
Oneida	35,200	2.4	85,600	25,800	2.1	53,800	61,000	2.3	139,400
Onondaga	23,300	2.3	53,000	7,200	1.9	13,800	30,500	2.2	66,800
Ontario	16,400	2.8	46,100	6,700	2.2	14,800	23,100	2.6	60,900
Orange	11,500	2.4	27,600	13,900	2.1	29,500	25,400	2.2	57,100
Orleans	8,400	2.6	21,500	3,200	1.8	5,700	11,600	2.3	27,200
Oswego	9,100	2.6	23,400	15,100	2.0	30,100	24,200	2.2	53,500
Otsego	25,100	2.1	53,000	33,100	1.8	60,900	58,200	2.0	113,900
Putnam	300	2.3	700	600	1.3	800	900	1.7	1,500
Rensselaer	12,100	2.7	33,000	12,200	1.8	21,700	24,300	2.3	54,700
Rockland	-	-	-	-	-	-	-	-	-
St. Lawrence	29,700	2.4	70,300	76,900	1.8	139,000	106,600	2.0	209,300
Saratoga	9,500	2.3	22,000	8,700	1.9	16,100	18,200	2.1	38,100
Schenectady	1,300	2.4	3,100	4,900	1.7	8,500	6,200	1.9	11,600
Schoharie	19,200	2.3	44,100	18,400	1.7	31,200	37,600	2.0	75,300
Schuyler	6,100	1.9	11,800	8,300	1.5	12,600	14,400	1.7	24,400
Seneca	11,000	2.2	24,700	6,900	2.0	14,000	17,900	2.2	38,700
Steuben	41,100	2.1	84,800	51,700	1.7	87,000	92,800	1.9	171,800
Suffolk	500	2.2	1,100	600	1.8	1,100	1,100	2.0	2,200
Sullivan	2,100	2.1	4,400	14,000	1.9	26,500	16,100	1.9	30,900
Tioga	12,000	2.1	25,500	15,400	2.1	32,000	27,400	2.1	57,500
Tompkins	8,900	2.2	19,400	8,800	2.3	20,400	17,700	2.2	39,800
Ulster	4,500	2.7	12,300	9,400	1.8	17,000	13,900	2.1	29,300
Warren	600	1.5	900	800	1.4	1,100	1,400	1.4	2,000
Washington	19,900	2.5	49,700	25,600	1.8	46,200	45,500	2.1	95,900
Wayne	14,000	2.3	32,500	5,800	1.8	10,600	19,800	2.2	43,100
Westchester	500	1.8	900	900	1.1	1,000	1,400	1.4	1,900
Wyoming	21,600	2.3	50,600	16,200	2.1	34,300	37,800	2.2	84,900
Yates	13,100	2.7	35,200	7,500	1.8	13,600	20,600	2.4	48,800
Other Counties	-	-	-	-	-	-	-	-	-
TOTAL	800,000	2.35	1,880,000	900,000	1.90	1,710,000	1,700,000	2.11	3,590,000

1/ Dry hay only. Excludes silage and green chop.

Table 123. HAY: Acreage, Yield, and Production, by County, 1993 1/

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres harvested	Yield	Production	Acres harvested	Yield	Production	Acres harvested	Yield	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
Albany	10,000	2.3	23,300	13,300	1.5	20,300	23,300	1.9	43,600
Allegany	10,800	2.6	27,900	31,600	1.6	51,900	42,400	1.9	79,800
Broome	5,600	2.3	12,600	18,300	1.6	29,000	23,900	1.7	41,600
Cattaraugus	13,800	2.6	35,400	32,000	2.1	67,000	45,800	2.2	102,400
Cayuga	28,000	2.7	75,500	9,100	2.0	18,600	37,100	2.5	94,100
Chautauqua	15,300	2.6	39,500	53,100	1.9	102,800	68,400	2.1	142,300
Chemung	5,000	2.4	12,000	9,600	1.8	16,900	14,600	2.0	28,900
Chenango	15,000	2.2	33,400	39,300	1.7	67,200	54,300	1.9	100,600
Clinton	11,700	2.5	29,700	19,300	1.6	31,200	31,000	2.0	60,900
Columbia	11,700	2.1	24,400	12,500	1.4	16,900	24,200	1.7	41,300
Cortland	14,400	2.5	36,400	18,800	1.8	33,800	33,200	2.1	70,200
Delaware	12,400	2.2	27,200	42,800	2.0	85,600	55,200	2.0	112,800
Dutchess	9,000	1.8	16,000	12,100	1.4	16,500	21,100	1.5	32,500
Erie	14,600	2.6	38,000	27,500	1.8	50,000	42,100	2.1	88,000
Essex	6,400	2.0	12,700	6,800	1.4	9,600	13,200	1.7	22,300
Franklin	13,100	2.6	34,500	31,700	2.0	62,600	44,800	2.2	97,100
Fulton	3,600	2.2	8,000	5,400	1.4	7,700	9,000	1.7	15,700
Genesee	17,400	2.8	48,300	3,800	2.0	7,500	21,200	2.6	55,800
Greene	3,800	1.6	6,100	11,900	1.8	21,900	15,700	1.8	28,000
Hamilton	-	-	-	-	-	-	-	-	-
Herkimer	18,900	2.5	46,900	22,000	2.3	50,400	40,900	2.4	97,300
Jefferson	27,200	2.3	61,600	64,200	1.7	110,600	91,400	1.9	172,200
Lewis	24,100	2.5	61,100	29,900	2.0	61,200	54,000	2.3	122,300
Livingston	19,100	2.9	55,600	9,100	1.7	15,400	28,200	2.5	71,000
Madison	25,700	2.5	64,500	17,200	2.2	37,600	42,900	2.4	102,100
Monroe	10,600	2.7	29,100	3,100	1.5	4,600	13,700	2.5	33,700
Montgomery	24,400	2.4	59,500	27,500	1.6	43,900	51,900	2.0	103,400
Nassau	-	-	-	-	-	-	-	-	-
Niagara	12,600	2.6	32,900	16,300	2.0	33,200	28,900	2.3	66,100
Oneida	28,300	2.7	75,300	30,400	1.9	58,600	58,700	2.3	133,900
Onondaga	22,000	2.6	57,700	8,800	2.2	19,600	30,800	2.5	77,300
Ontario	16,100	2.8	45,000	8,200	2.2	17,800	24,300	2.6	62,800
Orange	9,000	2.0	17,600	17,000	1.8	31,300	26,000	1.9	48,900
Orleans	6,500	2.9	19,100	4,000	2.0	7,900	10,500	2.6	27,000
Oswego	8,100	2.5	20,000	17,500	1.8	31,200	25,600	2.0	51,200
Otsego	23,700	2.4	57,500	37,900	1.8	67,400	61,600	2.0	124,900
Putnam	200	2.0	400	400	2.0	800	600	2.0	1,200
Rensselaer	12,000	2.4	29,300	13,300	1.6	21,300	25,300	2.0	50,600
Rockland	-	-	-	-	-	-	-	-	-
St. Lawrence	28,000	2.4	65,800	90,600	1.8	166,000	118,600	2.0	231,800
Saratoga	8,500	2.4	20,500	9,800	1.6	15,800	18,300	2.0	36,300
Schenectady	1,500	2.5	3,800	6,000	1.4	8,500	7,500	1.6	12,300
Schoharie	16,600	2.2	36,600	20,800	1.9	40,400	37,400	2.1	77,000
Schuyler	5,800	1.8	10,300	9,100	1.5	13,500	14,900	1.6	23,800
Seneca	9,900	2.7	26,500	8,500	2.0	16,900	18,400	2.4	43,400
Steuben	32,800	2.0	66,000	60,000	1.5	87,500	92,800	1.7	153,500
Suffolk	500	2.0	1,000	400	1.3	500	900	1.7	1,500
Sullivan	1,800	1.9	3,400	16,700	1.6	26,600	18,500	1.6	30,000
Tioga	9,000	2.0	18,000	18,900	1.6	30,600	27,900	1.7	48,600
Tompkins	8,200	2.2	18,200	10,100	1.9	18,800	18,300	2.0	37,000
Ulster	3,200	2.1	6,600	10,400	1.5	16,000	13,600	1.7	22,600
Warren	400	2.0	800	700	1.3	900	1,100	1.5	1,700
Washington	18,000	2.5	45,700	27,800	1.6	43,300	45,800	1.9	89,000
Wayne	12,500	2.6	32,300	6,900	2.2	15,200	19,400	2.4	47,500
Westchester	400	1.8	700	1,100	1.7	1,900	1,500	1.7	2,600
Wyoming	20,900	2.7	57,000	18,800	2.5	46,100	39,700	2.6	103,100
Yates	11,900	2.3	27,800	7,700	1.5	11,700	19,600	2.0	39,500
Other Counties	-	-	-	-	-	-	-	-	-
TOTAL	700,000	2.45	1,715,000	1,050,000	1.80	1,890,000	1,750,000	2.06	3,605,000

1/ Dry hay only. Excludes silage and green chop.

Table 124. CORN: Acreage, Yield, and Production, by County, 1992

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Acres	Bushels		Acres	Tons	
Albany	6,200	2,200	101	221,300	3,900	10.1	39,400
Alegany	14,400	3,600	74	264,800	8,300	11.9	98,500
Broome	8,000	1,800	89	160,900	5,600	12.9	72,000
Cattaraugus	26,500	6,500	79	510,800	17,600	10.2	179,800
Cayuga	91,000	77,800	86	6,668,400	11,200	16.3	182,700
Chautauqua	25,200	5,600	103	575,500	18,200	13.2	240,400
Chemung	6,300	4,600	94	433,900	1,500	12.9	19,300
Chenango	18,900	5,800	67	387,300	12,200	15.2	184,900
Clinton	21,600	6,100	111	679,800	15,300	15.9	243,700
Columbia	18,100	10,800	101	1,093,500	7,200	15.6	112,400
Cortland	18,100	7,200	91	653,000	10,700	13.9	149,200
Delaware	10,900	1,300	105	135,900	9,300	17.9	166,700
Dutchess	12,500	8,700	106	919,200	3,500	16.0	55,900
Erie	26,700	11,600	78	904,700	13,400	15.9	213,700
Essex	3,400	500	109	54,700	2,800	12.3	34,300
Franklin	12,000	900	94	84,900	10,800	13.5	146,200
Fulton	4,600	1,400	74	104,200	2,700	13.2	35,600
Genesee	52,300	33,100	85	2,813,300	16,200	15.0	242,600
Greene	2,300	500	106	52,800	1,700	16.8	28,600
Hamilton	-	-	-	-	-	-	-
Herkimer	19,800	7,000	92	641,800	12,300	13.6	166,800
Jefferson	34,200	10,200	78	791,800	22,000	13.3	292,100
Lewis	15,000	1,600	77	122,600	12,800	13.7	175,500
Livingston	60,800	37,000	99	3,662,700	20,300	17.7	360,300
Madison	35,700	18,600	87	1,612,800	15,500	14.8	229,100
Monroe	28,000	22,700	96	2,179,000	3,600	16.4	59,100
Montgomery	32,500	15,100	108	1,625,500	16,100	14.8	237,600
Nassau	-	-	-	-	-	-	-
Niagara	37,000	32,000	84	2,687,800	3,600	14.0	50,400
Oneida	41,300	23,000	91	2,086,000	17,200	14.2	243,600
Onondaga	45,700	33,500	111	3,706,000	11,100	13.6	150,500
Ontario	47,800	36,000	98	3,527,800	10,700	18.9	202,500
Orange	16,100	7,800	94	729,700	8,200	11.0	90,000
Orleans	40,500	35,800	100	3,579,700	4,200	13.8	57,800
Oswego	17,500	6,800	71	481,200	8,000	12.7	101,800
Otsego	21,100	5,800	86	497,100	14,800	14.5	215,300
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	19,400	10,700	88	936,500	8,500	19.2	163,000
Rockland	-	-	-	-	-	-	-
St. Lawrence	37,600	7,200	85	609,100	29,400	16.7	490,900
Saratoga	14,000	5,800	105	606,800	7,800	13.7	106,600
Schenectady	1,400	400	89	35,400	800	15.4	12,300
Schoharie	12,900	6,000	87	519,100	6,500	11.1	72,400
Schuyler	6,000	2,300	75	173,600	3,300	11.9	39,300
Seneca	35,600	28,500	90	2,564,800	6,600	15.1	99,400
Steuben	44,000	18,600	83	1,536,800	21,600	13.4	288,500
Suffolk	1,600	1,400	93	130,500	100	14.0	1,400
Sullivan	2,100	800	120	96,000	1,200	17.0	20,400
Tioga	15,500	5,500	85	469,700	9,300	12.1	112,400
Tompkins	23,800	16,800	98	1,651,600	6,500	15.9	103,600
Ulster	5,200	2,600	113	294,700	2,400	12.6	30,300
Warren	1/	1/	1/	1/	1/	1/	1/
Washington	39,800	13,200	118	1,553,700	26,100	15.2	397,300
Wayne	51,300	40,800	84	3,427,000	8,500	15.0	127,300
Westchester	-	-	-	-	-	-	-
Wyoming	48,300	12,200	92	1,122,300	34,400	14.3	491,700
Yates	19,200	14,100	88	1,240,700	4,400	11.0	48,200
Other Counties	300	200	107	21,300	100	17.0	1,700
TOTAL	1,250,000	670,000	92	61,640,000	530,000	14.5	7,685,000

1/ Included in Other Counties.

Table 125. CORN: Acreage, Yield, and Production, by County, 1993

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	<u>Acres</u>	<u>Acres</u>	<u>Bushels</u>		<u>Acres</u>	<u>Tons</u>	
Albany	5,700	2,000	72	143,200	3,600	11.3	40,800
Allegany	14,500	3,700	85	314,600	10,400	13.2	137,700
Broome	7,100	800	95	75,800	6,200	14.1	87,200
Cattaraugus	26,500	6,100	74	453,400	20,100	15.2	305,400
Cayuga	78,500	65,200	111	7,238,800	12,400	15.1	187,300
Chautauqua	24,600	5,800	107	619,400	18,700	17.0	317,400
Chemung	5,800	2,400	99	237,300	3,300	13.8	45,600
Chenango	17,500	3,800	96	365,900	13,700	14.7	201,700
Clinton	19,900	7,000	117	820,700	12,700	15.1	191,800
Columbia	17,000	5,600	85	478,700	11,200	11.4	127,400
Cortland	17,100	5,100	90	460,600	11,900	15.9	189,800
Delaware	10,300	400	85	33,900	9,800	14.3	139,900
Dutchess	10,000	5,800	66	382,800	3,900	9.3	36,400
Erie	25,100	10,300	120	1,236,000	14,700	14.1	206,600
Essex	2,500	400	114	45,500	2,000	14.2	28,400
Franklin	10,900	900	115	103,600	9,900	14.2	140,200
Fulton	3,400	900	101	91,000	2,500	12.6	31,500
Genesee	52,000	33,200	104	3,436,700	18,500	13.7	252,700
Greene	2,100	600	84	50,600	1,500	10.0	15,000
Hamilton	-	-	-	-	-	-	-
Herkimer	17,000	4,000	98	393,700	12,900	15.4	198,800
Jefferson	27,800	7,000	87	612,300	20,300	13.7	277,100
Lewis	14,100	1,900	104	198,000	11,800	14.2	167,400
Livingston	49,900	34,300	93	3,190,100	15,400	12.4	190,600
Madison	31,400	12,300	100	1,230,000	18,900	13.7	259,300
Monroe	25,300	22,000	118	2,606,400	3,200	17.4	55,800
Montgomery	31,500	15,000	94	1,407,200	16,400	13.6	223,400
Nassau	-	-	-	-	-	-	-
Niagara	34,500	30,100	119	3,590,600	4,100	14.9	60,900
Oneida	36,600	15,000	102	1,534,300	21,500	15.5	332,300
Onondaga	45,600	33,100	97	3,199,500	12,400	14.9	184,600
Ontario	44,500	31,400	122	3,827,200	12,800	13.3	169,900
Orange	16,000	5,700	93	532,500	10,100	14.6	147,000
Orleans	40,400	35,300	125	4,412,500	5,000	15.9	79,700
Oswego	14,100	7,700	111	854,700	6,200	13.4	82,800
Otsego	20,300	5,400	95	513,100	14,800	14.9	220,600
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	18,700	10,300	85	875,600	8,300	16.1	133,300
Rockland	-	-	-	-	-	-	-
St. Lawrence	33,000	3,200	102	325,500	29,500	13.5	399,600
Saratoga	11,400	5,200	108	561,600	6,100	15.5	94,300
Schenectady	1,200	300	96	28,800	800	12.4	9,900
Schoharie	10,600	3,500	97	338,000	7,100	12.5	88,500
Schuyler	4,700	1,700	112	189,800	2,900	13.0	37,700
Seneca	32,700	25,000	111	2,775,400	7,600	15.5	117,900
Steuben	49,400	19,900	72	1,437,400	28,700	11.6	332,400
Suffolk	1,100	1,000	104	104,000	-	-	-
Sullivan	2,300	800	88	70,300	1,500	13.3	19,900
Tioga	13,900	3,700	108	399,700	10,000	14.4	143,600
Tompkins	21,100	14,200	108	1,537,800	6,900	15.7	108,100
Ulster	3,600	700	84	59,000	2,800	16.8	47,000
Warren	1/	1/	1/	1/	1/	1/	1/
Washington	37,000	8,500	103	875,500	28,100	15.3	431,300
Wayne	45,100	37,300	112	4,185,500	7,500	13.6	101,700
Westchester	-	-	-	-	-	-	-
Wyoming	46,300	12,400	106	1,309,300	33,200	14.3	475,200
Yates	18,000	12,000	94	1,127,200	5,900	12.7	74,700
Other Counties	400	100	90	9,000	300	13.0	3,900
TOTAL	1,150,000	580,000	105	60,900,000	560,000	14.2	7,952,000

1/ Included in Other Counties.

Table 126. OATS: Acreage, Yield, and Production, by County, 1992-1993

County	Planted		Harvested		Yield		Production	
	1992	1993	1992	1993	1992	1993	1992	1993
	Acres		Acres		Bushels		Bushels	
	1/	1/	1/	1/	1/	1/	1/	1/
Albany	3,800	3,500	2,700	2,400	73	57	195,800	136,800
Alegany	600	500	400	400	64	48	25,500	19,000
Broome	4,100	3,800	2,600	2,400	74	71	192,400	170,400
Cattaraugus	6,900	6,300	6,400	5,700	73	63	465,800	359,100
Cayuga	3,300	3,000	2,200	2,000	80	65	175,400	130,000
Chautauqua	1,000	1,000	800	800	65	55	52,000	44,000
Chemung	2,100	1,900	900	1,000	53	69	47,900	69,000
Chenango	1,100	1,000	900	800	60	78	53,800	62,400
Clinton	1,400	1,500	900	900	66	47	59,700	42,300
Columbia	1,500	1,500	900	900	69	71	61,900	63,900
Cortland	400	400	200	200	59	50	11,800	10,000
Delaware	1,000	1,000	600	600	67	42	39,900	25,200
Dutchess	3,600	4,000	3,000	3,300	75	68	224,300	224,200
Erie	300	300	200	200	50	65	9,900	13,000
Essex	1,300	1,300	1,000	1,000	51	74	50,800	74,000
Franklin	400	300	300	200	53	68	16,000	13,600
Fulton	4,200	4,400	3,800	3,900	76	60	288,600	234,000
Genesee	1/	1/	1/	1/	1/	1/	1/	1/
Greene	-	-	-	-	-	-	-	-
Hamilton	2,300	2,200	1,400	1,300	70	65	97,700	84,500
Herkimer	5,700	5,100	4,300	3,900	70	76	303,000	296,400
Jefferson	2,600	2,300	1,600	1,400	78	74	124,700	103,600
Lewis	5,500	6,200	4,900	5,500	69	56	339,500	308,000
Livingston	4,900	4,400	4,400	3,800	64	58	281,800	220,400
Madison	3,700	3,700	2,700	2,700	76	56	205,600	151,200
Monroe	3,000	2,600	2,300	1,900	70	72	161,000	136,800
Montgomery	-	-	-	-	-	-	-	-
Nassau	3,800	4,200	2,900	3,200	62	56	180,100	179,200
Niagara	5,400	4,800	4,200	3,700	62	65	259,600	240,500
Oneida	6,100	6,200	5,600	5,600	75	61	420,700	341,600
Onondaga	4,600	4,800	4,300	4,400	71	66	307,000	290,400
Ontario	500	400	200	200	59	35	11,800	7,000
Orange	2,700	3,100	1,800	2,100	72	61	129,200	128,100
Orleans	1,200	1,200	900	900	53	58	47,900	52,200
Oswego	2,700	2,400	2,000	1,600	65	68	130,600	108,800
Otsego	-	-	-	-	-	-	-	-
Putnam	800	700	400	400	72	46	28,700	18,400
Rensselaer	-	-	-	-	-	-	-	-
Rockland	3,100	2,800	2,000	1,800	85	62	169,500	111,600
St. Lawrence	700	600	400	400	70	66	27,900	26,400
Saratoga	1/	1/	1/	1/	1/	1/	1/	1/
Schenectady	1,400	1,200	800	800	50	45	40,300	36,000
Schoharie	1,300	1,200	1,000	900	60	60	60,100	54,000
Schuyler	5,600	5,500	5,200	4,700	71	63	370,200	296,100
Seneca	14,700	13,900	13,500	12,400	72	51	976,800	632,400
Steuben	900	900	200	200	88	66	17,600	13,200
Suffolk	1/	1/	1/	1/	1/	1/	1/	1/
Sullivan	2,200	2,000	1,600	1,400	75	67	120,200	93,800
Tioga	3,200	3,300	2,600	2,700	76	75	198,100	202,500
Tompkins	1/	1/	1/	1/	1/	1/	1/	1/
Ulster	-	-	-	-	-	-	-	-
Warren	1,200	1,100	800	700	50	78	40,000	54,600
Washington	4,100	3,900	3,000	3,000	67	75	200,900	225,000
Wayne	-	-	-	-	-	-	-	-
Westchester	5,700	5,400	4,300	4,000	70	68	303,100	272,000
Wyoming	2,400	2,400	2,200	2,200	60	50	131,400	110,000
Yates	1,000	800	700	500	62	49	43,500	24,400
Other Counties	140,000	135,000	110,000	105,000	70	62	7,700,000	6,510,000
TOTAL								

1/ Included in Other Counties.

Table 127. WHEAT: Acreage, Yield, and Production, by County, 1992-1993

Month	Planted		Harvested		Yield		Production	
	1992	1993	1992	1993	1992	1993	1992	1993
	Acres		Acres		Bushels		Bushels	
Albany	1/	1/	1/	1/	1/	1/	1/	1/
Alegany	1/	1/	1/	1/	1/	1/	1/	1/
Broome	-	-	-	-	-	-	-	-
Cattaraugus	300	1/	300	1/	28	1/	8,500	1/
Cayuga	7,300	6,900	7,100	6,700	56	54	400,300	362,300
Chautauqua	1/	1/	1/	1/	1/	1/	1/	1/
Chemung	1/	1/	1/	1/	1/	1/	1/	1/
Chenango	1/	1/	1/	1/	1/	1/	1/	1/
Clinton	-	-	-	-	-	-	-	-
Columbia	500	300	400	200	55	50	21,900	10,000
Cortland	1/	1/	1/	1/	1/	1/	1/	1/
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	1/	1/	1/	1/	1/	1/	1/	1/
Erle	2,100	1,500	1,900	1,400	37	50	70,300	70,400
Essex	1/	1/	1/	1/	1/	1/	1/	1/
Franklin	1/	1/	1/	1/	1/	1/	1/	1/
Fulton	-	300	-	200	-	30	-	6,000
Genesee	12,200	9,600	10,000	7,900	55	51	550,000	400,000
Greene	-	-	-	-	-	-	-	-
Hamilton	-	-	-	-	-	-	-	-
Herkimer	1/	1/	1/	1/	1/	1/	1/	1/
Jefferson	400	300	400	200	56	51	22,400	10,100
Lewis	1/	1/	1/	1/	1/	1/	1/	1/
Livingston	12,300	10,700	10,400	10,100	58	43	605,200	433,400
Madison	1/	1/	1/	1/	1/	1/	1/	1/
Monroe	11,000	9,800	10,700	8,400	57	37	607,000	312,700
Montgomery	1/	-	1/	-	1/	-	1/	-
Nassau	-	-	-	-	-	-	-	-
Niagara	10,400	7,200	9,700	6,600	55	55	536,000	364,700
Oneida	1,000	600	900	500	64	45	57,200	22,500
Onondaga	3,800	3,600	3,600	3,200	65	46	235,100	148,100
Ontario	13,300	10,400	13,000	9,900	59	47	763,000	469,700
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	12,900	9,500	11,500	7,800	56	49	644,000	380,500
Oswego	1/	1/	1/	1/	1/	1/	1/	1/
Ossego	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-
Rensselaer	1/	1/	1/	1/	1/	1/	1/	1/
Rockland	-	-	-	-	-	-	-	-
St. Lawrence	1/	1/	1/	1/	1/	1/	1/	1/
Saratoga	1/	1/	1/	1/	1/	1/	1/	1/
Schenectady	-	-	-	-	-	-	-	-
Schoharie	-	-	-	-	-	-	-	-
Schuyler	900	600	800	400	53	32	42,500	12,700
Seneca	10,800	6,900	10,600	6,000	58	43	613,000	258,200
Steuben	2,000	1,900	1,500	1,700	45	35	67,600	59,400
Suffolk	500	300	400	200	55	44	22,000	8,800
Sullivan	-	-	-	-	-	-	-	-
Tioga	1/	1/	1/	1/	1/	1/	1/	1/
Tompkins	2,200	2,100	2,100	2,000	60	48	126,000	96,500
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	1/	300	1/	200	1/	47	1/	9,400
Wayne	5,600	4,500	5,300	4,300	57	45	299,600	192,700
Westchester	-	-	-	-	-	-	-	-
Wyoming	2,800	1,700	2,700	1,600	53	32	143,000	51,200
Yates	4,200	3,100	3,700	2,700	51	48	188,700	128,800
Other Counties	3,500	2,900	3,000	2,800	46	36	136,700	101,900
TOTAL	120,000	95,000	110,000	85,000	56	46	6,160,000	3,910,000

1/ Included in Other Counties

Table 128. CATTLE: Number on Farms, by County, January 1, 1993 and 1994

County	All cattle and calves		Milk cows		Beef cows	
	1993	1994	1993	1994	1993	1994
	Number					
Albany	9,500	9,500	1,900	2,000	1,300	1,800
Allegany	27,000	27,000	12,000	12,000	2,000	2,500
Broome	23,000	22,500	9,000	8,800	1,700	2,200
Cattaraugus	48,000	48,000	22,500	22,500	2,000	2,600
Cayuga	52,000	51,000	24,500	24,000	2,700	3,500
Chautauqua	52,000	52,000	24,500	25,000	3,200	3,900
Chemung	8,800	8,500	3,600	3,600	700	900
Chenango	50,000	49,500	25,000	24,500	2,100	2,700
Clinton	37,500	37,500	20,000	19,500	600	800
Columbia	23,500	24,500	10,500	11,000	1,800	2,100
Cortland	37,500	37,000	19,500	19,500	1,000	1,200
Delaware	45,500	45,000	22,500	22,500	1,900	2,600
Dutchess	17,500	16,500	5,700	5,500	2,400	2,800
Erie	31,000	30,000	16,000	15,500	1,200	1,500
Essex	6,700	6,800	2,700	2,600	300	500
Franklin	35,500	35,000	19,500	19,000	300	400
Fulton	7,500	7,300	4,100	4,000	300	400
Genesee	41,500	42,000	20,000	21,000	1,000	1,300
Greene	5,700	5,700	2,100	2,000	900	1,200
Hamilton	1/	1/	1/	1/	1/	1/
Herkimer	41,000	40,000	23,500	23,000	1,000	1,300
Jefferson	70,000	68,000	36,500	36,000	1,900	2,600
Lewis	54,000	52,000	30,500	30,000	500	600
Livingston	39,000	37,500	17,500	17,000	1,600	2,300
Madison	60,000	58,000	31,000	30,500	1,200	1,500
Monroe	11,000	11,000	4,100	4,200	700	900
Montgomery	37,500	36,500	18,500	18,000	700	900
Nassau	1/	1/	1/	1/	1/	1/
Niagara	18,000	18,500	6,800	7,000	1,700	2,300
Oneida	62,000	60,000	31,000	30,500	1,600	2,100
Onondaga	33,500	33,000	17,000	17,000	1,300	1,800
Ontario	26,000	26,500	12,500	13,000	2,200	2,600
Orange	21,000	20,500	11,000	10,500	800	1,000
Orleans	14,500	14,000	4,400	4,300	1,100	1,300
Oswego	19,000	18,500	8,200	8,000	1,600	2,000
Otsego	51,000	51,000	27,500	27,500	1,900	2,400
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	19,500	18,500	8,800	8,500	1,400	1,900
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	88,000	88,000	42,500	42,500	2,100	3,000
Saratoga	13,000	13,000	6,000	6,200	900	1,100
Schenectady	1,700	1,600	900	900	300	400
Schoharie	22,000	21,500	10,500	10,500	1,100	1,500
Schuyler	7,900	7,700	3,500	3,500	800	1,000
Seneca	14,500	14,500	5,900	5,800	900	1,200
Steuben	55,000	55,000	24,000	24,000	4,600	5,900
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	10,000	10,000	4,600	4,600	800	1,100
Tioga	23,000	23,000	11,000	11,000	1,300	1,800
Tompkins	20,500	20,000	9,300	9,500	1,100	1,400
Ulster	7,900	7,900	1,600	1,600	1,500	1,600
Warren	1/	1/	1/	1/	1/	1/
Washington	57,000	57,000	27,000	27,000	1,700	2,100
Wayne	19,500	19,500	8,000	8,200	1,800	2,200
Westchester	1/	400	1/	1/	1/	1/
Wyoming	66,000	65,000	38,000	37,500	1,200	1,700
Yates	15,500	16,000	7,300	7,200	800	1,100
Other Counties	1,800	800	500	500	500	500
TOTAL	1,560,000	1,540,000	755,000	750,000	70,000	90,000

1/ Included in Other Counties.

Table 129. MILK: Cows and Production, by County, 1991 and 1992

County	Annual average milk cows		Average production per cow		Total milk production	
	1991	1992	1991	1992	1991	1992
	Number		Pounds		Thousand pounds	
Albany	2,200	1,900	14,000	14,500	30,800	27,600
Allegany	12,000	12,000	14,000	15,000	168,000	180,000
Broome	9,500	9,000	14,200	15,000	134,900	135,000
Cattaraugus	22,500	22,500	14,300	15,000	321,800	337,500
Cayuga	22,500	23,500	16,100	16,600	362,200	390,100
Chautauqua	24,500	24,000	14,700	15,500	360,200	372,000
Chemung	3,800	3,600	14,500	15,300	55,100	55,100
Chenango	25,000	24,500	14,800	15,200	370,000	372,400
Clinton	20,000	20,000	14,400	15,000	288,000	300,000
Columbia	11,000	10,500	14,600	15,200	160,600	159,600
Cortland	19,500	19,500	14,800	15,500	288,600	302,300
Delaware	23,500	22,500	14,400	14,700	338,400	330,800
Dutchess	6,300	5,700	14,000	14,200	88,200	80,900
Erie	16,500	16,000	15,000	15,900	247,500	254,400
Essex	2,800	2,700	14,000	14,500	39,200	39,200
Franklin	19,500	19,500	13,900	14,900	271,100	290,600
Fulton	4,000	4,100	15,000	16,000	60,000	65,600
Genesee	20,000	20,000	15,600	16,300	312,000	326,000
Greene	2,400	2,100	13,500	13,600	32,400	28,600
Hamilton	1/	1/	1/	1/	1/	1/
Herkimer	23,000	23,000	15,000	15,700	345,000	361,100
Jefferson	36,500	36,500	13,100	14,000	478,200	511,000
Lewis	30,500	30,500	14,200	15,000	433,100	457,500
Livingston	17,500	17,500	16,000	16,800	280,000	294,000
Madison	31,500	31,000	14,500	15,000	456,800	465,000
Monroe	4,300	4,100	15,300	15,800	65,800	64,800
Montgomery	19,000	18,500	15,200	16,200	288,800	299,700
Nassau	1/	1/	1/	1/	1/	1/
Niagara	6,700	6,700	15,000	15,600	100,500	104,500
Oneida	31,000	31,000	14,500	15,000	449,500	465,000
Onondaga	16,500	16,500	15,700	16,000	259,100	264,000
Ontario	11,500	12,000	16,500	17,000	189,800	204,000
Orange	10,500	10,500	15,300	15,700	160,700	164,900
Orleans	4,400	4,400	15,000	15,600	66,000	68,600
Oswego	8,500	8,200	13,700	14,000	116,500	114,800
Otsego	27,000	27,000	14,600	15,200	394,200	410,400
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	8,600	8,800	15,000	16,000	129,000	140,800
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	42,500	42,500	13,500	14,300	573,900	607,800
Saratoga	6,100	6,000	15,000	15,200	91,500	91,200
Schenectady	900	900	15,000	15,300	13,500	13,800
Schoharie	10,500	10,000	14,900	15,800	156,400	158,000
Schuyler	3,700	3,500	15,700	16,500	58,100	57,800
Seneca	5,800	5,900	16,500	17,000	95,700	100,300
Steuben	24,500	24,000	15,000	15,700	367,500	376,800
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	4,800	4,600	14,900	15,500	71,500	71,300
Tioga	11,500	11,000	15,000	15,600	172,500	171,600
Tompkins	9,100	9,000	15,300	16,300	139,200	146,700
Ulster	1,700	1,600	13,700	14,000	23,300	22,400
Warren	1/	1/	1/	1/	1/	1/
Washington	27,000	27,000	14,500	15,000	391,500	405,000
Wayne	8,200	8,000	15,800	16,500	129,600	132,000
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	37,500	37,500	16,700	17,500	626,300	656,300
Yates	7,200	7,200	16,600	17,500	119,500	126,000
Other Counties	500	500	14,000	14,400	7,000	7,200
TOTAL	756,000	749,000	14,787	15,463	11,179,000	11,582,000

1/ Included in Other Counties.

Table 130. HOGS AND SHEEP: Number on Farms, by County, 1993 and 1994

County	Hogs - December 1		Sheep - January 1	
	1992	1993	1993	1994
	Number			
Albany	400	400	1,300	1,200
Allegany	7,000	6,800	2,400	2,300
Broome	400	500	1,100	1,100
Cattaraugus	2,500	2,200	1,500	1,500
Cayuga	4,400	4,400	2,100	1,900
Chautauqua	2,200	2,100	1,000	1,000
Chemung	1,200	1,100	600	500
Chenango	1,200	1,000	3,200	3,000
Clinton	400	400	700	700
Columbia	1,200	700	2,100	2,100
Cortland	2,100	2,000	2,000	1,900
Delaware	500	700	1,300	1,300
Dutchess	500	400	2,500	2,400
Erie	3,700	3,500	1,600	1,600
Essex	400	300	1/	1/
Franklin	1/	1/	800	800
Fulton	1/	1/	1/	1/
Genesee	8,200	9,300	3,200	3,200
Greene	1/	1/	500	600
Hamilton	1/	1/	1/	1/
Herkimer	700	500	400	400
Jefferson	1,000	1,000	800	700
Lewis	800	700	300	300
Livingston	3,100	2,700	4,400	3,800
Madison	1,100	700	1,400	1,300
Monroe	1,800	1,700	1,300	1,300
Montgomery	900	800	2,700	2,700
Nassau	1/	1/	1/	1/
Niagara	4,900	4,800	900	800
Oneida	1,000	900	1,100	1,100
Onondaga	1,000	800	1,200	1,200
Ontario	6,000	5,700	2,600	2,100
Orange	900	800	800	800
Orleans	5,100	6,100	500	500
Oswego	1,200	1,000	700	700
Otsego	1,600	1,400	3,000	2,900
Putnam	1/	1/	1/	1/
Rensselaer	900	900	2,300	2,100
Rockland	1/	1/	1/	1/
St. Lawrence	2,300	2,400	2,400	2,300
Saratoga	500	500	700	700
Schenectady	1/	1/	1/	1/
Schoharie	800	600	1,500	1,500
Schuyler	3,600	2,300	1,000	1,000
Seneca	5,500	5,000	900	800
Steuben	4,400	4,600	3,500	3,100
Suffolk	500	500	400	300
Sullivan	1/	1/	800	700
Tioga	800	600	1,400	1,300
Tompkins	1,300	1,100	3,300	3,300
Ulster	3,900	3,900	800	800
Warren	1/	1/	1/	1/
Washington	700	700	1,700	1,700
Wayne	6,300	7,000	900	900
Westchester	1/	1/	1/	1/
Wyoming	1,700	1,400	2,200	1,900
Yates	3,200	3,200	3,200	2,900
Other Counties	1,200	900	1,000	1,000
TOTAL	105,000	101,000	78,000	74,000

1/ Included in Other Counties.

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